HDR-CX720V/CX730E/CX740VE/CX760E/CX760V/PJ710/PJ710V/PJ710VE/PJ720E/PJ740VE/PJ760/PJ760E/PJ760V/PJ760VE

SERVICE MANUAL

LEVEL 3

Ver. 1.0 2012.02

US Model
Canadian Model
AEP Model
UK Model
North European Model
E Model
Australian Model
Hong Kong Model
Chinese Model
Korea Model
Tourist Model
Japanese Model

Photo: HDR-CX720V/BLACK

Check the SERVICE NOTE (LEVEL 2) before the service.

MODEL GROUP

GPS Model: CX720V/CX740VE/CX760V/PJ710V/PJ710VE/PJ740VE/PJ760V/PJ760VE
Non GPS Model: CX730E/CX760E/PJ710/PJ720E/PJ760/PJ760E

Projector Model: PJ710/PJ710V/PJ710VE/PJ720E/PJ740VE/PJ760/PJ760E/PJ760V/PJ760VE
Non Projector Model: CX720V/CX730E/CX740VE/CX760E/CX760V

EVF Model: CX730E/CX740VE/CX760E/CX760V/PJ740VE/PJ760/PJ760E/PJ760V/PJ760VE
Non EVF Model: CX720V/PJ710/PJ710V/PJ710VE/PJ720E

Digital HD Video Camera Recorder

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SONY®

Revision History

Ver.	Date	History	Contents	S.M. Rev. issued
1.0	2012.02	Official Release	—	—

HDR-CX720V/CX730E/CX740VE/CX760E/CX760V/PJ710/PJ710V/PJ710VE/PJ720E/PJ740VE/PJ760/PJ760E/PJ760V/PJ760VE_L3
9-834-656-11
Sony Corporation
2012B08-1
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Published by Sony Techno Create Corporation

Caution
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.
Dispose of used batteries according to the instructions.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer.

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are “pinched” or contact high-wattage resistors.
3. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
4. Look for parts which, through functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
5. Check the B+ voltage to see it is at the values specified.
6. Flexible Circuit Board Repairing
   - Set the soldering iron tip temperature to 350 °C approximately.
   - Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
   - Be careful not to apply force on the conductor when soldering or unsoldering.

UNLEADED SOLDER

This unit uses unleaded solder.
Boards requiring use of unleaded solder are printed with the lead free mark (LF) indicating the solder contains no lead.
(**Caution:** Some printed circuit boards may not come printed with the lead free mark due to their particular size.)

: LEAD FREE MARK

Be careful to the following points to solder or unsolder.

- Set the soldering iron tip temperature to 350 °C approximately.
  If cannot control temperature, solder/unsolder at high temperature for a short time.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
  Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Be sure to control soldering iron tips used for unleaded solder and those for leaded solder so they are managed separately. Mixing unleaded solder and leaded solder will cause detachment phenomenon.

注意
電池の交換は，正しく行わないと破裂する恐れがあります。
電池を交換する場合には必ず同じ型名の電池又は同等品と交換してください。
使用済み電池は，取扱指示に従って処分してください。

サービス，点検時には次のことにご注意ください。

1. 注意事項をお守りください。
   サービスのとき特に注意を要する個所については，キャビネット，シャーシ，部品などにラベルや捺印で注意事項を表示しています。これらの注意書き及び取扱説明書等の注意事項を必ずお守り下さい。
2. 指定部品のご使用を
   セットの部品は難燃性や耐電圧など安全上の特性を持ったものとなっています。従って交換部品は，使用されていたものと同じ特性の部品を使用して下さい。特に回路図，部品表に⚠印で指定されている安全上重要な部品は必ず指定のものをご使用下さい。
3. 部品の取付けや配線の引きまわしはもとどおりに
   安全上，チューブやテープなどの絶縁材料を使用したり，プリント基板から浮かして取付けた部品があります。また内部配線は引きまわしやクランパによって発熱部品や高圧部品に接近しないよう配慮されていますので，これらは必ずもとどおりにして下さい。
4. サービス後は安全点検を
   サービスのために取外したネジ，部品，配線がもとどおりになっているか，またサービスした個所の周辺を劣化させてしまったところがないかなどを点検し，安全性が確保されていることを確認して下さい。
5. チップ部品交換時の注意
   - 取外した部品は再使用しないで下さい。
   - タンタルコンデンサのマイナス側は熱に弱いため交換時は注意して下さい。
6. フレキシブルプリント基板の取扱いについて
   - 半田こてのこて先温度は約350℃に設定してください。
   - 同一パターンに何度もコテ先を当てないで下さい。（3回以内）
   - パターンに力が加わらないよう注意して下さい。

無鉛半田について

本機には無鉛半田が使用されています。
無鉛半田を使用している基板には，無鉛(Lead Free)を意味するレッドフリーマークがプリントされています。
（**注意：**基板サイズによっては，無鉛半田を使用していてもレッドフリーマークがプリントされていないものがあります）

：レッドフリーマーク
無鉛半田は，下記の点に注意して使用してください。

- 半田こてのこて先温度は約350℃に設定してください。
  温度調節が無理な場合は，高温短時間で作業を行ってください。
  注意：半田こてを長く当てすぎると，基板のパターン(銅箔)ががはがれてしまうことがありますので，注意してください。また，従来の半田よりも粘性が強いため，IC端子などが半田ブリッジしないように注意してください。
- 半田こてのこて先は，必ず無鉛半田用と有鉛半田用に分けて管理してください。
  無鉛半田と有鉛半田が混在すると剥離現象が発生してしまいます。

(ENGLISH)

NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- CAPACITORS:
  uF: µF
- COILS
  uH: µH
- RESISTORS
  All resistors are in ohms.
  METAL: metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F: nonflammable
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA...: µA... , uPA... , µPA... ,
  uPB... , µPB... , uPC... , µPC... ,
  uPD..., µPD...

When indicating parts by reference number, please include the board name.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Note1 : Be sure to read "Precautions for Replacement of Imager" on page 6-1 when changing the imager.

Caution
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.
Dispose of used batteries according to the instructions.

Note 2: Replace the battery holder (BH7001) together when replacing the lithium storage battery (BT7001) on the RH-014 board. (The battery holder removed once cannot be used again.)
When mounting these parts, mount new battery holder first and attach new lithium battery next.

(JAPANESE)

【使用上の注意】

- ここに記載されている部品は, 補修用部品であるため, 回路図及びセットに付いている部品と異なる場合があります。
- -XX, -Xは標準化部品のため, セットに付いている部品と異なる場合があります。
- *印の部品は常備在庫しておりません。
- コンデンサの単位でuFはµFを示します。
- 抵抗の単位Ωは省略してあります。
  金　　被：金属被膜抵抗。
  サンキン：酸化金属被膜抵抗。
- インダクタの単位でuHはµHを示します。
- 半導体の名称でuA..., uPA..., uPB..., uPC..., uP D...等はそれぞれµA..., µPA..., µPB..., µPC..., µPD...を示します。

お願い
図面番号で部品を指定するときは基板名又はブロックを併せて指定してください。

⚠印の部品，または⚠印付の点線で囲まれた部品は，安全性を維持するために，重要な部品です。
従って交換時は，必ず指定の部品を使用してください。

Note1 : イメージャの交換時は6-1ページの"イメージャ交換時の注意"を必ずお読みください。

注意
電池の交換は，正しく行わないと破裂する恐れがあります。
電池を交換する場合には必ず同じ型名の電池又は同等品と交換してください。
使用済み電池は，取扱指示に従って処分してください。

Note 2: RH-014基板のリチウム蓄電池（BT7001）を交換する場合はバッテリホルダ（BH7001）も同時に新品に交換して下さい。（一度使用したバッテリホルダは再使用できません。）
部品取り付けの際は，先にバッテリホルダを取り付けてからリチウム電池を装着して下さい。

2-2. ELECTRICAL PARTS LIST

Ref. No.	Part No.	Description			
	A-1871-876-A	CK-244 BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C7701	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C7702	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C7703	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V
C7704	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V
C7705	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
C7706	1-114-411-21	CERAMIC CHIP	0.33uF	10%	6.3V
C7707	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
		< CONNECTOR >			
CN9001	1-816-648-61	FFC/FPC CONNECTOR (LIF) 20P			
CN9002	1-816-643-51	FFC/FPC CONNECTOR (LIF) 10P			
		< DIODE >			
* D9001	6-502-462-01	DIODE CL-271SYG-C-TS			
* D9002	6-502-462-01	DIODE CL-271SYG-C-TS			
		< IC >			
IC7701	6-707-333-01	IC NJM3230SE7			
		< COIL >			
* L7701	1-481-425-21	INDUCTOR	10uH		
		< RESISTOR >			
R7702	1-218-969-11	METAL CHIP	22K	5%	1/16W
R7703	1-218-969-11	METAL CHIP	22K	5%	1/16W
R7705	1-218-965-11	METAL CHIP	10K	5%	1/16W
* R7706	1-250-523-11	METAL CHIP	15K	1%	1/16W
R7707	1-218-985-11	METAL CHIP	470K	5%	1/16W
R9001	1-218-944-11	METAL CHIP	180	5%	1/16W
R9005	1-218-965-11	METAL CHIP	10K	5%	1/16W
R9006	1-218-989-11	METAL CHIP	1M	5%	1/16W
R9007	1-218-989-11	METAL CHIP	1M	5%	1/16W
R9008	1-218-965-11	METAL CHIP	10K	5%	1/16W
R9010	1-218-953-11	METAL CHIP	1K	5%	1/16W
R9011	1-218-942-11	METAL CHIP	120	5%	1/16W
R9012	1-218-963-11	METAL CHIP	6.8K	5%	1/16W
		< COMPOSITION CIRCUIT BLOCK >			
RB9001	1-234-376-11	RES, NETWORK	2.2K (1005X4)		
RB9002	1-234-376-11	RES, NETWORK	2.2K (1005X4)		
		< SWITCH >			
* S9001	1-786-914-51	SWITCH, TACTILE			
* S9002	1-786-914-51	SWITCH, TACTILE			
* S9003	1-786-914-51	SWITCH, TACTILE			
* S9004	1-786-914-51	SWITCH, TACTILE			
* S9005	1-786-914-51	SWITCH, TACTILE			
S9006	1-798-119-11	SWITCH, TACTILE			
		< SENSOR >			
SE7701	1-479-022-61	SENSOR, ANGULAR VELOCITY (32.2kHz)			

Ref. No.	Part No.	Description			
	A-1785-655-A (Not supplied)	CMOS BLOCK ASSY (1390)-077			
		CM-121 BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C6701	1-165-887-91	CERAMIC CHIP	0.22uF	10%	6.3V
C6702	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C6703	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C6704	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C6705	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C6706	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C6707	1-165-884-11	CERAMIC CHIP	2.2uF	10%	6.3V
C6708	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C6709	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C6710	1-165-884-11	CERAMIC CHIP	2.2uF	10%	6.3V
C6711	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C6712	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C6713	1-165-884-11	CERAMIC CHIP	2.2uF	10%	6.3V
C6714	1-165-884-11	CERAMIC CHIP	2.2uF	10%	6.3V
C6715	1-165-884-11	CERAMIC CHIP	2.2uF	10%	6.3V
C6716	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C6717	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C6718	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C6719	1-165-884-11	CERAMIC CHIP	2.2uF	10%	6.3V
C6720	1-165-884-11	CERAMIC CHIP	2.2uF	10%	6.3V
C6728	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C6729	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6736	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C6737	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C6738	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
		< CONNECTOR >			
CN6701	1-821-501-11	CONNECTOR, FPC (ZIF) 51P			
		< IC >			
IC6701	(Not supplied)	IC IMX077LHK-13			
IC6703	(Not supplied)	IC MM3404A27URE			
IC6706	6-714-504-01	IC MM3404A15URE			
		< RESISTOR >			
R6707	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R6708	1-218-953-11	METAL CHIP	1K	5%	1/16W
	1-885-101-11	FP-1518 FLEXIBLE BOARD			
		**********			
	1-885-102-11	FP-1519 FLEXIBLE BOARD (Projector Model)			
		**********			
	1-885-104-11	FP-1521 FLEXIBLE BOARD			
		**********			

Ref. No.	Part No.	Description
	1-885-105-11	FP-1522 FLEXIBLE BOARD **********
	1-885-106-11	FP-1523 FLEXIBLE BOARD **********
	1-885-375-11	FP-1550 FLEXIBLE BOARD **********
	1-885-376-11	FP-1551 FLEXIBLE BOARD **********
	A-1871-880-A	FP-1554 FLEXIBLE BOARD, COMPLETE **********
		< CAPACITOR >
C001	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
		< SENSOR >
* SE001	1-487-118-11	GMR SENSOR
	1-885-623-21	FP-1557 FLEXIBLE BOARD (EXCEPT CX730E) **********
	A-1872-023-A	LED BLOCK ASSY, ST
	(Not supplied)	FP-1555 FLEXIBLE BOARD, COMPLETE **********

(FP-1555 FLEXIBLE COMPLETE BOARD is not supplied, but this is included in ST LED BLOCK ASSY.)

		< DIODE >
D0001	6-503-445-01	DIODE CL773SCW02SDWT
D0002	6-503-445-01	DIODE CL773SCW02SDWT
		< THERMISTOR >
TH001	1-802-210-11	THERMISTOR, NTC (SMD)
	1-885-698-11	FP-1580 FLEXIBLE BOARD (Non Projector Model) **********
	A-1872-028-A	FP-1582 FLEXIBLE BOARD, COMPLETE (Projector Model) **********

(CN5505 is not supplied, but this is included in FP-1582 FLEXIBLE COMPLETE BOARD.)

		< CAPACITOR >
C001	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
		< CONNECTOR >
CN5503	1-842-687-11	CONNECTOR, BOARD TO BOARD 42P
CN5505	(Not supplied)	CONNECTOR, BOARD TO BOARD
	A-1871-872-A	FR-319 BOARD, COMPLETE **********

(Q9601 is not supplied, but this is included in FR-319 COMPLETE BOARD.)

		< CAPACITOR >
C9601	1-112-717-91	CERAMIC CHIP 1uF 10% 6.3V
C9603	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C9604	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
		< CONNECTOR >
CN9601	1-779-330-51	FFC/CONNECTOR, FPC (LIF (NON-ZIF)) 12P
CN9602	1-779-327-51	FFC/CONNECTOR, FPC (LIF (NON-ZIF)) 6P
CN9603	1-784-650-21	CONNECTOR 2P
		< DIODE >
D9601	6-503-474-01	DIODE SML-J13RWT96
D9602	6-502-193-01	DIODE SML-D12V8WT86SN
		< IC >
IC9601	6-600-629-01	IC RS-470
		< TRANSISTOR >
Q9601	(Not supplied)	TRANSISTOR DSC500200L
		< RESISTOR >
R9601	1-218-953-11	METAL CHIP 1K 5% 1/16W
R9602	1-218-937-11	METAL CHIP 47 5% 1/16W
R9603	1-216-801-11	METAL CHIP 22 5% 1/10W
R9604	1-216-800-11	METAL CHIP 18 5% 1/10W
R9605	1-218-949-11	METAL CHIP 470 5% 1/16W
R9606	1-218-941-81	METAL CHIP 100 5% 1/16W
R9607	1-218-941-81	METAL CHIP 100 5% 1/16W
	A-1861-092-A	GP386 ASSY (GPS Model)
	(Not supplied)	GP-037 BOARD, COMPLETE (GPS Model) **********

(All mounted parts and GP-037 COMPLETE BOARD are not supplied, but they are included in GP386 ASSY.)

	A-1877-096-A	LD-297 BOARD, COMPLETE **********

(IC5602, IC5603, IC5609, IC5611 and L5601 are not supplied, but they are included in LD-297 COMPLETE BOARD.)

		< CAPACITOR >
C4002	1-164-874-11	CERAMIC CHIP 100PF 5% 50V
C5202	1-100-611-91	CERAMIC CHIP 22uF 20% 6.3V
C5203	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C5204	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5205	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C5206	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5207	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5208	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5209	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5210	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5211	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5212	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5213	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C5214	1-164-939-11	CERAMIC CHIP 0.0022uF 10% 50V
C5215	1-112-717-91	CERAMIC CHIP 1uF 10% 6.3V
C5216	1-164-940-11	CERAMIC CHIP 0.0033uF 10% 16V
C5217	1-112-717-91	CERAMIC CHIP 1uF 10% 6.3V
C5218	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V
C5219	1-165-897-11	TANTAL. CHIP 22uF 20% 10V
C5604	1-114-419-21	CERAMIC CHIP 10uF 10% 16V
C5605	1-114-419-21	CERAMIC CHIP 10uF 10% 16V
C5606	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5609	1-114-419-21	CERAMIC CHIP 10uF 10% 16V
C5610	1-114-419-21	CERAMIC CHIP 10uF 10% 16V
C5612	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5616	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5617	1-165-897-11	TANTAL. CHIP 22uF 20% 10V
C5618	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5620	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5621	1-114-419-21	CERAMIC CHIP 10uF 10% 16V
C5622	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5623	1-114-419-21	CERAMIC CHIP 10uF 10% 16V
C5624	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5625	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5627	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5628	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C5629	1-100-567-81	CERAMIC CHIP 0.01uF 10% 25V
C5630	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V
C5631	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V
C5632	1-114-419-21	CERAMIC CHIP 10uF 10% 16V
C5636	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V
C5637	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5638	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5639	1-107-819-11	CERAMIC CHIP 0.022uF 10% 16V
C5640	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V
C5641	1-107-819-11	CERAMIC CHIP 0.022uF 10% 16V
C5642	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V
C5643	1-119-923-11	CERAMIC CHIP 0.047uF 10% 10V
C5644	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5645	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5651	1-114-419-21	CERAMIC CHIP 10uF 10% 16V
C5652	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C5653	1-114-419-21	CERAMIC CHIP 10uF 10% 16V
C7501	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C7502	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C7503	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C7504	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C8001	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
C8002	1-114-582-91	CERAMIC CHIP 0.1uF 10% 16V
		< CONNECTOR >
* CN4001	1-842-176-51	CONNECTOR, FPC (ZIF) 61P
* CN4002	1-842-176-51	CONNECTOR, FPC (ZIF) 61P
CN4003	1-821-501-11	CONNECTOR, FPC (ZIF) 51P
CN4004	1-816-644-51	FFC/FPC CONNECTOR (LIF) 12P
CN4005	1-816-644-51	FFC/FPC CONNECTOR (LIF) 12P
CN4006	1-816-654-61	FFC/FPC CONNECTOR (LIF) 6P
CN8001	1-822-837-21	CARD CONNECTOR
		< DIODE >
D4001	8-719-027-76	DIODE 1SS357
D8001	6-501-216-01	DIODE CL-271HR-C-TS
		< IC >
* IC5201	6-808-503-01	IC BU24130GU-E2
IC5202	6-715-211-01	IC MM3404A28URE
IC5601	6-716-760-01	IC R2J30503LG
IC5602	(Not supplied)	IC LV8417CS-TE-L-H
IC5603	(Not supplied)	IC LV8417CS-TE-L-H
IC5605	6-716-952-01	IC R2A30427BM
IC5606	6-716-952-01	IC R2A30427BM
IC5609	(Not supplied)	IC TPS63060DSCR
IC5611	(Not supplied)	IC LV8417CS-TE-L-H
		< COIL >
L5601	(Not supplied)	INDUCTOR 2uH
		< TRANSISTOR >
* Q4002	6-552-723-01	TRANSISTOR SSM6N37FE, RSONYM
		< RESISTOR >
R4001	1-218-959-11	METAL CHIP 3.3K 5% 1/16W
R4006	1-218-973-11	METAL CHIP 47K 5% 1/16W
R4008	1-218-965-11	METAL CHIP 10K 5% 1/16W
R5201	1-218-958-11	METAL CHIP 2.7K 5% 1/16W
R5202	1-208-909-11	METAL CHIP 8.2K 0.5% 1/16W
R5203	1-208-721-11	METAL CHIP 39K 0.5% 1/16W
R5204	1-218-958-11	METAL CHIP 2.7K 5% 1/16W
R5205	1-208-909-11	METAL CHIP 8.2K 0.5% 1/16W
R5206	1-208-721-11	METAL CHIP 39K 0.5% 1/16W
R5207	1-218-965-11	METAL CHIP 10K 5% 1/16W
R5208	1-208-909-11	METAL CHIP 8.2K 0.5% 1/16W
R5209	1-208-909-11	METAL CHIP 8.2K 0.5% 1/16W
R5210	1-208-909-11	METAL CHIP 8.2K 0.5% 1/16W
R5211	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R5212	1-208-721-11	METAL CHIP 39K 0.5% 1/16W
R5213	1-208-721-11	METAL CHIP 39K 0.5% 1/16W
R5214	1-208-943-11	METAL CHIP 220K 0.5% 1/16W
R5215	1-218-958-11	METAL CHIP 2.7K 5% 1/16W
R5216	1-218-958-11	METAL CHIP 2.7K 5% 1/16W
R5217	1-208-941-11	METAL CHIP 180K 0.5% 1/16W
R5219	1-208-697-11	METAL CHIP 3.9K 0.5% 1/16W
R5614	1-218-969-11	METAL CHIP 22K 5% 1/16W
R5618	1-218-898-11	METAL CHIP 130K 0.5% 1/10W
R5619	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R5637	1-208-711-11	METAL CHIP 15K 0.5% 1/16W
R5638	1-218-982-11	METAL CHIP 270K 5% 1/16W
R5639	1-218-982-11	METAL CHIP 270K 5% 1/16W
R5648	1-218-969-11	METAL CHIP 22K 5% 1/16W
R5649	1-218-969-11	METAL CHIP 22K 5% 1/16W
R5650	1-218-965-11	METAL CHIP 10K 5% 1/16W

Ref. No.	Part No.	Description			
R5651	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5654	1-216-295-91	SHORT CHIP	0		
R8024	1-218-943-11	METAL CHIP	150	5%	1/16W
R8042	1-218-953-11	METAL CHIP	1K	5%	1/16W
		< COMPOSITION CIRCUIT BLOCK >			
RB4001	1-234-381-11	RES, NETWORK	100K (1005X4)		
RB5201	1-234-377-21	RES, NETWORK	4.7K (1005X4)		
RB8001	1-200-051-21	RES, NETWORK	150 (1005X4)		
RB8002	1-234-372-11	RES, NETWORK	100 (1005X4)		
		< SENSOR >			
* SE7501	1-489-735-11	SENSOR, ANGULAR VELOCITY (PITCH/YAW)			
	A-1877-104-A	MM-102 BOARD, COMPLETE (SERVICE) (CX760V/PJ760V/PJ760VE)			
	A-1877-105-A	MM-102 BOARD, COMPLETE (SERVICE) (CX720V)			
	A-1877-106-A	MM-102 BOARD, COMPLETE (SERVICE) (CX740VE/PJ710V/PJ710VE/PJ740VE)			
	A-1878-200-A	MM-102 BOARD, COMPLETE (PJ710)			
	A-1878-201-A	MM-102 BOARD, COMPLETE (PJ720E)			
	A-1878-202-A	MM-102 BOARD, COMPLETE (CX760E/PJ760/PJ760E)			
		**********			
(IC8101 and IC8201 are not supplied, but they are included in MM-102 COMPLETE BOARD.)					
		< CAPACITOR >			
C8102	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C8103	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8104	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8202	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V (CX720V/CX760E/CX760V/PJ720E/PJ760/PJ760E/PJ760V/PJ760VE)
C8203	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V (CX720V/CX760E/CX760V/PJ720E/PJ760/PJ760E/PJ760V/PJ760VE)
C8204	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V (CX720V/CX760E/CX760V/PJ720E/PJ760/PJ760E/PJ760V/PJ760VE)
C8701	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
		< CONNECTOR >			
* CN8101	1-816-647-61	FFC/FPC CONNECTOR (LIF) 18P			
		< FERRITE BEAD >			
FB8701	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)			
FB8702	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)			
FB8703	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)			
FB8704	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)			
FB8705	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)			
FB8706	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)			
FB8707	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)			
FB8708	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)			
		< IC >			
IC8101	(Not supplied)	IC THGBM4G8D4GBAIE			
IC8201	(Not supplied)	IC THGBM4G9D8GBAII			
IC8701	6-716-442-11	IC MM3404A29URE			

Ref. No.	Part No.	Description			
		< RESISTOR >			
R8101	1-218-965-11	METAL CHIP	10K	5%	1/16W
R8112	1-218-990-81	SHORT CHIP	0		
R8202	1-218-990-81	SHORT CHIP	0		(CX720V/CX760E/CX760V/PJ720E/PJ760/PJ760E/PJ760V/PJ760VE)
		< COMPOSITION CIRCUIT BLOCK >			
RB8101	1-234-372-11	RES, NETWORK	100 (1005X4)		
RB8102	1-234-372-11	RES, NETWORK	100 (1005X4)		
	A-1852-433-A	PD-465 BOARD, COMPLETE (PJ710V/PJ710VE/PJ740VE/PJ760V/PJ760VE)			
	A-1852-434-A	PD-465 BOARD, COMPLETE (PJ710/PJ720E/PJ760/PJ760E)			
	A-1852-435-A	PD-465 BOARD, COMPLETE (CX720V/CX740VE/CX760V)			
	A-1852-436-A	PD-465 BOARD, COMPLETE (CX730E/CX760E)			
		**********			
		< CAPACITOR >			
C6001	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C6002	1-100-581-81	CERAMIC CHIP	0.0047uF	10%	50V
C6003	1-100-581-81	CERAMIC CHIP	0.0047uF	10%	50V
C6019	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C6020	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C6021	1-100-415-91	CERAMIC CHIP	0.47uF	10%	6.3V
C6022	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6023	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C6024	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C6025	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C6026	1-112-021-91	CERAMIC CHIP	2.2uF	20%	16V
C6027	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C6029	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C6030	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C6031	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C6032	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6033	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C6102	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C6105	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V (GPS Model)
C6106	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V (GPS Model)
C6107	1-164-856-81	CERAMIC CHIP	18PF	5%	50V (GPS Model)
C6108	1-164-856-81	CERAMIC CHIP	18PF	5%	50V (GPS Model)
C6109	1-164-856-81	CERAMIC CHIP	18PF	5%	50V (GPS Model)
C6110	1-164-856-81	CERAMIC CHIP	18PF	5%	50V (GPS Model)
		< CONNECTOR >			
* CN6001	1-842-522-21	CONNECTOR, FPC (ZIF) 61P			
CN6002	1-821-857-51	CONNECTOR, FPC (LIF (NON-ZIF)) 6P			
* CN6003	1-842-522-21	CONNECTOR, FPC (ZIF) 61P			
CN6004	1-778-506-21	PIN, CONNECTOR (PC BOARD) 2P			
CN6005	1-778-506-21	PIN, CONNECTOR (PC BOARD) 2P			
CN6007	1-821-652-11	CONNECTOR, BOARD TO BOARD (REC			(Projector Model)

Ref. No.	Part No.	Description			
CN6101	1-816-655-61	CONNECTOR, FFC/FPC 8P (GPS Model)			
		< DIODE >			
D6002	6-502-934-01	DIODE DB2S31100K8			
		< IC >			
* IC6101	6-712-051-01	IC SN65LVDS302ZQER			
IC6102	6-715-211-01	IC MM3404A28URE (GPS Model)			
		< COIL >			
* L6001	1-481-102-21	INDUCTOR	10uH		
* L6002	1-481-102-21	INDUCTOR	10uH		
		< TRANSISTOR >			
Q6001	6-552-538-01	TRANSISTOR	DMG9640N0R		
Q6002	6-552-538-01	TRANSISTOR	DMG9640N0R		
		< RESISTOR >			
R6041	1-218-953-11	METAL CHIP	1K	5%	1/16W
R6042	1-218-953-11	METAL CHIP	1K	5%	1/16W
R6043	1-218-953-11	METAL CHIP	1K	5%	1/16W
R6102	1-218-971-11	METAL CHIP	33K	5%	1/16W
R6106	1-218-969-11	METAL CHIP	22K	5%	1/16W (Projector Model)
		< SENSOR >			
* SE6001	1-487-118-11	GMR SENSOR			
	A-1872-021-A	PJ-104 BOARD, COMPLETE (Projector Model)			
		**********			
(IC8605 is not supplied, but this is included in PJ-104 COMPLETE BOARD.)					
		< CAPACITOR >			
C8501	1-164-934-11	CERAMIC CHIP	330PF	10%	50V
C8503	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C8504	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8505	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C8507	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8508	1-164-934-11	CERAMIC CHIP	330PF	10%	50V
C8509	1-164-934-11	CERAMIC CHIP	330PF	10%	50V
C8510	1-116-403-91	CERAMIC CHIP	10uF	10%	6.3V
C8512	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C8513	1-112-298-91	CERAMIC CHIP	1uF	10%	16V
C8514	1-164-934-11	CERAMIC CHIP	330PF	10%	50V
C8516	1-112-298-91	CERAMIC CHIP	1uF	10%	16V
C8517	1-164-934-11	CERAMIC CHIP	330PF	10%	50V
C8518	1-114-419-21	CERAMIC CHIP	10uF	10%	16V
C8519	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8520	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8521	1-116-403-91	CERAMIC CHIP	10uF	10%	6.3V
C8522	1-164-934-11	CERAMIC CHIP	330PF	10%	50V
C8523	1-112-298-91	CERAMIC CHIP	1uF	10%	16V
C8524	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C8525	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C8526	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C8527	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C8528	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V

Ref. No.	Part No.	Description			
C8530	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
C8531	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C8533	1-116-403-91	CERAMIC CHIP	10uF	10%	6.3V
C8534	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8535	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C8536	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C8538	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8601	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8602	1-164-856-81	CERAMIC CHIP	18PF	5%	50V
C8603	1-164-856-81	CERAMIC CHIP	18PF	5%	50V
C8604	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8605	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8606	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C8607	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8608	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8609	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8610	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8611	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8612	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8617	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8618	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C8619	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8620	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8621	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8622	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8623	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8624	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8625	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8626	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8627	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C8628	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8629	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8701	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8702	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8703	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8706	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8708	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C8710	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C8801	1-116-403-91	CERAMIC CHIP	10uF	10%	6.3V
C8802	1-164-934-11	CERAMIC CHIP	330PF	10%	50V
C8803	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
		< CONNECTOR >			
CN8501	1-842-687-11	CONNECTOR, BOARD TO BOARD 42P			
CN8502	1-816-643-51	FFC/FPC CONNECTOR (LIF) 10P			
CN8503	1-822-395-51	CONNECTOR, BOARD TO BOARD 60P			
CN8601	1-816-655-61	CONNECTOR, FFC/FPC 8P			
		< DIODE >			
* D8501	6-502-629-01	DIODE 1SS420 (TL3SONY.F)			
* D8502	6-502-629-01	DIODE 1SS420 (TL3SONY.F)			
D8503	6-503-106-01	DIODE DZ2S100M0L			
		< FERRITE BEAD >			
FB8501	1-400-915-21	INDUCTOR (EMI FERRITE) (2012)			
FB8508	1-400-915-21	INDUCTOR (EMI FERRITE) (2012)			
FB8601	1-400-915-21	INDUCTOR (EMI FERRITE) (2012)			
FB8602	1-400-915-21	INDUCTOR (EMI FERRITE) (2012)			
FB8801	1-400-619-11	BEAD, FERRITE (CHIP) (1608)			

Ref. No.	Part No.	Description			
		< IC >			
IC8501	6-716-995-01	IC TC7SZ07AFS			
IC8502	6-716-996-01	IC RT8522GQW			
IC8503	6-716-997-01	IC RT8035GQW			
IC8601	6-712-602-01	IC 74LVC139BQ-118			
IC8602	6-717-009-01	IC TC7WG04FC			
IC8603	6-718-206-01	IC W25X40BVPY08			
IC8605	(Not supplied)	IC DPP2601			
IC8701	6-717-010-01	IC K4X56163PN-FGC6T			
IC8801	6-717-011-01	IC LM3549SQX/NOPB			
		< COIL >			
L8501	1-457-526-11	INDUCTOR	2.2uH		
L8503	1-457-526-11	INDUCTOR	2.2uH		
L8504	1-481-035-11	INDUCTOR	10uH		
L8801	1-457-526-11	INDUCTOR	2.2uH		
		< RESISTOR >			
R8501	1-220-210-11	METAL CHIP	200K	5%	1/16W
R8502	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8503	1-220-210-11	METAL CHIP	200K	5%	1/16W
R8505	1-220-205-11	METAL CHIP	75K	5%	1/16W
R8506	1-220-196-81	METAL CHIP	13K	5%	1/16W
R8507	1-218-965-11	METAL CHIP	10K	5%	1/16W
R8508	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8509	1-218-953-11	METAL CHIP	1K	5%	1/16W
R8510	1-208-953-11	METAL CHIP	560K	0.5%	1/16W
R8511	1-218-979-11	METAL CHIP	150K	5%	1/16W
R8512	1-218-981-91	METAL CHIP	220K	5%	1/16W
R8513	1-208-713-11	METAL CHIP	18K	0.5%	1/16W
R8515	1-218-990-81	SHORT CHIP	0		
R8517	1-218-990-81	SHORT CHIP	0		
R8518	1-218-949-11	METAL CHIP	470	5%	1/16W
R8601	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8602	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8605	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8608	1-218-935-11	METAL CHIP	33	5%	1/16W
R8610	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8611	1-218-941-81	METAL CHIP	100	5%	1/16W
R8612	1-218-989-11	METAL CHIP	1M	5%	1/16W
R8613	1-218-935-11	METAL CHIP	33	5%	1/16W
R8614	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8616	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8617	1-218-935-11	METAL CHIP	33	5%	1/16W
R8618	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8619	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8620	1-218-935-11	METAL CHIP	33	5%	1/16W
R8621	1-218-935-11	METAL CHIP	33	5%	1/16W
R8623	1-218-935-11	METAL CHIP	33	5%	1/16W
R8624	1-218-935-11	METAL CHIP	33	5%	1/16W
R8625	1-218-935-11	METAL CHIP	33	5%	1/16W
R8626	1-218-935-11	METAL CHIP	33	5%	1/16W
R8627	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8628	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8702	1-208-922-11	METAL CHIP	30K	0.5%	1/16W
R8703	1-218-935-11	METAL CHIP	33	5%	1/16W
R8801	1-218-977-11	METAL CHIP	100K	5%	1/16W
R8803	1-220-210-11	METAL CHIP	200K	5%	1/16W

Ref. No.	Part No.	Description			
		< VIBRATOR >			
X8601	1-814-480-11	QUARTZ CRYSTAL OSCILLATOR (16.66667MHz)			
	A-1871-740-A	RH-014 BOARD, COMPLETE (Non EVF Model)			
	A-1871-741-A	RH-014 BOARD, COMPLETE (EVF Model)			
		**********			
(BT7001 is not included in RH-014 COMPLETE BOARD)					
(IC6401 is not supplied, but this is included in RH-014 COMPLETE BOARD.)					
		< BATTERY HOLDER >			
⚠ BH7001	1-251-928-21	HOLDER, BATTERY			
		< BATTERY >			
⚠ BT7001	1-756-134-15	BATTERY LITHIUM SECONDARY			
		< CAPACITOR >			
C2601	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C2602	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C2603	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2604	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2605	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2606	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2607	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2608	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2609	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2610	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2611	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2612	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C2613	1-165-884-11	CERAMIC CHIP	2.2uF	10%	6.3V
C2614	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2615	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2616	1-165-884-11	CERAMIC CHIP	2.2uF	10%	6.3V
C2617	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2618	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2801	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2802	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2803	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2804	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2805	1-127-988-81	CERAMIC CHIP	0.015uF	10%	16V
C2806	1-127-988-81	CERAMIC CHIP	0.015uF	10%	16V
C2807	1-127-988-81	CERAMIC CHIP	0.015uF	10%	16V
C2810	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2814	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
C2815	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C2817	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2818	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2820	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C2821	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2822	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2823	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2824	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2828	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2829	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2830	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2831	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2832	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V

Ref. No.	Part No.	Description			
C2833	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2834	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C2835	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2836	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C2837	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2841	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2849	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2850	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2852	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C2853	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2854	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C2855	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C6401	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V (EVF Model)
C6402	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V (EVF Model)
C6403	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V (EVF Model)
C6404	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V (EVF Model)
C6405	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V (EVF Model)
C6406	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V (EVF Model)
C6411	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V (EVF Model)
C7001	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C7002	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C7003	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C7004	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C7006	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
C7007	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
C7201	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C7202	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C7203	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C7204	1-114-419-21	CERAMIC CHIP	10uF	10%	16V
C7208	1-164-933-11	CERAMIC CHIP	220PF	10%	50V
		< CONNECTOR >			
* CN7001	1-842-522-21	CONNECTOR, FPC (ZIF) 61P			
CN7002	1-815-794-13	CONNECTOR (MULTIPLE)			
CN7003	1-816-649-51	FFC/CONNECTOR, FPC (LIF) 22P			
CN7004	1-816-654-61	FFC/FPC CONNECTOR (LIF) 6P			
CN7005	1-816-649-51	FFC/CONNECTOR, FPC (LIF) 22P (EVF Model)			
		< DIODE >			
D7201	8-719-027-76	DIODE 1SS357			
		< FERRITE BEAD >			
FB7001	1-400-331-11	FERRITE, EMI (SMD) (1005)			
FB7002	1-400-331-11	FERRITE, EMI (SMD) (1005)			
FB7003	1-400-331-11	FERRITE, EMI (SMD) (1005)			
FB7004	1-400-331-11	FERRITE, EMI (SMD) (1005)			
FB7005	1-400-331-11	FERRITE, EMI (SMD) (1005)			
FB7006	1-400-331-11	FERRITE, EMI (SMD) (1005)			
FB7010	1-400-833-21	SMD EMI FERRITE			
FB7011	1-400-331-11	FERRITE, EMI (SMD) (1005)			
FB7201	1-414-864-11	FERRITE, EMI (SMD) (1608)			

Ref. No.	Part No.	Description			
		< IC >			
* IC2601	6-714-928-01	IC BD8871GW-E2			
* IC2801	6-713-028-01	IC NN12926A-BB			
IC6401	(Not supplied)	IC MM3404A25URE (EVF Model)			
IC6402	6-717-032-01	IC TC7MP3125FTG (EB) (EVF Model)			
IC6403	6-710-499-01	IC TC7MP3245FTG (EB, A) (EVF Model)			
IC7201	6-716-796-01	IC TPS61305YFFR			
		< JACK >			
J7001	1-793-703-21	JACK (DIA. 3.5)			
J7002	1-818-055-21	JACK			
		< COIL >			
* L2601	1-481-425-21	INDUCTOR	10uH		
* L2602	1-481-425-21	INDUCTOR	10uH		
* L2802	1-481-425-21	INDUCTOR	10uH		
* L2803	1-481-425-21	INDUCTOR	10uH		
* L2804	1-481-102-21	INDUCTOR	10uH		
L7201	1-481-074-21	INDUCTOR	2.2uH		
		< TRANSISTOR >			
Q6401	6-553-023-01	TRANSISTOR	FK3303010L (EVF Model)		
		< RESISTOR >			
R2601	1-218-978-11	METAL CHIP	120K	5%	1/16W
R2602	1-218-978-11	METAL CHIP	120K	5%	1/16W
R2603	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2604	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2605	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R2606	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
* R2801	1-250-503-11	METAL CHIP	2.2K	1%	1/16W
* R2804	1-250-503-11	METAL CHIP	2.2K	1%	1/16W
* R2805	1-250-503-11	METAL CHIP	2.2K	1%	1/16W
R2811	1-218-971-11	METAL CHIP	33K	5%	1/16W
R2813	1-218-971-11	METAL CHIP	33K	5%	1/16W
R2814	1-218-941-81	METAL CHIP	100	5%	1/16W
R2815	1-218-941-81	METAL CHIP	100	5%	1/16W
R2816	1-218-977-11	METAL CHIP	100K	5%	1/16W
R2827	1-218-969-11	METAL CHIP	22K	5%	1/16W
R2828	1-218-969-11	METAL CHIP	22K	5%	1/16W
R2829	1-250-468-11	METAL CHIP	75	1%	1/16W
R6414	1-218-990-81	SHORT CHIP	0 (EVF Model)		
R7004	1-218-977-11	METAL CHIP	100K	5%	1/16W
R7008	1-218-990-81	SHORT CHIP	0		
R7009	1-218-990-81	SHORT CHIP	0		
R7010	1-218-990-81	SHORT CHIP	0		
R7201	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7203	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7212	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
* R7213	1-250-479-11	METAL CHIP	220	1%	1/16W
* R7214	1-250-479-11	METAL CHIP	220	1%	1/16W
		< COMPOSITION CIRCUIT BLOCK >			
RB2602	1-234-370-21	RES, NETWORK	22 (1005X4)		
RB6401	1-234-378-21	RES, NETWORK	10K (1005X4) (EVF Model)		
RB6402	1-234-378-21	RES, NETWORK	10K (1005X4) (EVF Model)		
RB6403	1-234-378-21	RES, NETWORK	10K (1005X4) (EVF Model)		

Ref. No.	Part No.	Description
		< SWITCH >
S7001	1-798-119-11	SWITCH, TACTILE
		< SENSOR >
* SE6401	1-487-118-21	GMR SENSOR (EVF Model)
		< VARISTOR >
VDR703	1-802-090-21	VARISTOR, CHIP
VDR704	1-802-090-21	VARISTOR, CHIP
VDR705	1-802-090-21	VARISTOR, CHIP
VDR709	1-802-090-21	VARISTOR, CHIP
VDR710	1-802-090-21	VARISTOR, CHIP

	A-1872-115-A	VC-658 BOARD, COMPLETE (SERVICE)
		**********

(IC1301 is not supplied, but this is included in VC-658 COMPLETE BOARD (SERVICE).)

Ref. No.	Part No.	Description			
		< CAPACITOR >			
C1001	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1002	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1003	1-164-860-11	CERAMIC CHIP	27PF	5%	50V
C1301	1-116-729-11	CERAMIC CHIP	2.2uF	20%	10V
C1302	1-116-729-11	CERAMIC CHIP	2.2uF	20%	10V
* C1303	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
C1304	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1305	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1306	1-116-737-11	CERAMIC CHIP	1uF	20%	10V
C1307	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1308	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1309	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1310	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1313	1-116-717-11	CERAMIC CHIP	10uF	20%	10V
C1314	1-116-717-11	CERAMIC CHIP	10uF	20%	10V
C1315	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1316	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1317	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1318	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1319	1-116-729-11	CERAMIC CHIP	2.2uF	20%	10V
C1320	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1321	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1322	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1323	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1324	1-164-933-11	CERAMIC CHIP	220PF	10%	50V
C1325	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1327	1-116-729-11	CERAMIC CHIP	2.2uF	20%	10V
C1331	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1332	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C1410	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1411	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1412	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1413	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1421	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1423	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1424	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1428	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1438	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1442	1-164-856-81	CERAMIC CHIP	18PF	5%	50V
C1443	1-164-856-81	CERAMIC CHIP	18PF	5%	50V
C1444	1-164-856-81	CERAMIC CHIP	18PF	5%	50V
C1501	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
C1504	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1505	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1506	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
C1507	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1508	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
* C1509	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
C1510	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1511	1-116-729-11	CERAMIC CHIP	2.2uF	20%	10V
C1512	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1513	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1514	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1515	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1516	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1518	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1519	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1520	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C1523	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1524	1-116-724-11	CERAMIC CHIP	4.7uF	20%	6.3V
C1526	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1527	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1529	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C1530	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2701	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C2702	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2703	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2704	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2705	1-116-717-11	CERAMIC CHIP	10uF	20%	10V
C2706	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2707	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C2708	1-164-878-11	CERAMIC CHIP	150PF	5%	50V
C2709	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2710	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C2711	1-164-934-11	CERAMIC CHIP	330PF	10%	50V
C3001	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C3002	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C3003	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C3004	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C3302	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C4301	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C4302	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C4303	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C4304	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C4305	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C4306	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C4308	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
* C4309	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
C4310	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
* C4311	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
* C4312	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
* C4313	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
* C4314	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
* C4315	1-116-720-11	CERAMIC CHIP	10uF	20%	6.3V
C4316	1-116-717-11	CERAMIC CHIP	10uF	20%	10V
C4317	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C4318	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C4319	1-112-298-91	CERAMIC CHIP	1uF	10%	16V
C4320	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4321	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C4322	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C4323	1-112-298-91	CERAMIC CHIP	1uF	10%	16V
C4324	1-112-298-91	CERAMIC CHIP	1uF	10%	16V
C4325	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C4326	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C4327	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C4328	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C4329	1-116-737-11	CERAMIC CHIP	1uF	20%	10V
C4330	1-116-737-11	CERAMIC CHIP	1uF	20%	10V
C4331	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C4332	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C4333	1-116-737-11	CERAMIC CHIP	1uF	20%	10V
C4334	1-116-737-11	CERAMIC CHIP	1uF	20%	10V
C4337	1-116-729-11	CERAMIC CHIP	2.2uF	20%	10V
C4338	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C4349	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C4350	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V
C4355	1-116-737-11	CERAMIC CHIP	1uF	20%	10V
C4801	1-119-750-11	TANTAL. CHIP	22uF	20%	6.3V
* C4802	1-128-965-11	CERAMIC CHIP	13PF	5%	50V
* C4803	1-128-965-11	CERAMIC CHIP	13PF	5%	50V
C4804	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4805	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C4806	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C4807	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C4808	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C4809	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C4810	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C4811	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C9101	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C9102	1-116-717-11	CERAMIC CHIP	10uF	20%	10V
C9103	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C9105	1-112-298-91	CERAMIC CHIP	1uF	10%	16V
C9107	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C9109	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C9111	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C9112	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C9113	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C9115	1-114-582-91	CERAMIC CHIP	0.1uF	10%	16V
C9116	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C9118	1-114-419-21	CERAMIC CHIP	10uF	10%	16V
C9119	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
		< CONNECTOR >			
* CN1001	1-842-176-51	CONNECTOR, FPC (ZIF) 61P			
* CN1002	1-842-176-51	CONNECTOR, FPC (ZIF) 61P			
* CN1003	1-842-176-51	CONNECTOR, FPC (ZIF) 61P			
CN1004	1-821-501-11	CONNECTOR, FPC (ZIF) 51P			
* CN1005	1-822-893-11	CONNECTOR, FPC (ZIF) 33P			
* CN1006	1-822-893-11	CONNECTOR, FPC (ZIF) 33P			
CN1007	1-816-648-61	FFC/FPC CONNECTOR (LIF) 20P			
* CN1008	1-816-647-61	FFC/FPC CONNECTOR (LIF) 18P			
CN1009	1-842-602-11	CONNECTOR, HDMI			
CN1010	1-816-654-61	FFC/FPC CONNECTOR (LIF) 6P			
CN1011	1-580-789-21	PIN, CONNECTOR (SMD) 6P			
CN9101	1-843-120-11	HEADER ASSEMBRY			
CN9102	1-822-425-21	CONNECTOR, USB (MINI AB)			
		< DIODE >			
D1001	6-503-219-01	DIODE RKZ12B2KJR1			
D1303	6-500-854-01	DIODE 1SS413 (TPL3)			
D1304	6-500-854-01	DIODE 1SS413 (TPL3)			
D1401	6-501-272-01	DIODE RB520CS-30FJT2R			
D1402	6-501-272-01	DIODE RB520CS-30FJT2R			
D4301	6-503-126-01	DIODE DA2S10100K8			
D4302	6-503-372-01	DIODE DA3S103E0L			
* D9101	6-502-988-01	DIODE RB480Y-40T2R			
D9102	6-503-702-01	DIODE RB070M-30FJTR			
D9103	6-502-934-01	DIODE DB2S31100K8			
D9105	6-503-217-01	DIODE RKZ5.6B2KJR1			
		< FUSE >			
⚠* F001	1-576-286-31	FUSE (1.4A/24V)			
⚠* F002	1-576-286-31	FUSE (1.4A/24V)			
⚠* F003	1-576-286-31	FUSE (1.4A/24V)			
⚠* F004	1-576-286-31	FUSE (1.4A/24V)			
⚠* F005	1-576-286-31	FUSE (1.4A/24V)			
⚠* F006	1-576-286-31	FUSE (1.4A/24V)			
⚠* F007	1-523-180-31	FUSE (2.5A/24V)			
⚠* F008	1-576-872-31	FUSE (0.25A/50V)			
⚠ F009	1-523-134-31	FUSE (2A/50V)			
⚠* F1401	1-523-026-41	FUSE (0.25A/36V)			
		< FERRITE BEAD >			
FB1301	1-400-725-21	FERRITE, EMI (SMD) (1005)			
FB1302	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)			
FB1303	1-400-354-11	INDUCTOR, FERRITE BEAD (1005)			
FB1304	1-400-331-11	FERRITE, EMI (SMD) (1005)			
FB1401	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)			
FB1402	1-469-580-21	INDUCTOR, FERRITE BEAD (1005)			
FB1403	1-400-921-21	FERRITE, EMI (SMD)			
FB1404	1-400-833-21	SMD EMI FERRITE			
FB1405	1-400-833-21	SMD EMI FERRITE			
FB1406	1-400-833-21	SMD EMI FERRITE			
FB1501	1-481-912-21	EMI FERRITE (SMD) (1005)			
FB2701	1-414-864-11	FERRITE, EMI (SMD) (1608)			
		< IC >			
IC1301	(Not supplied)	IC AVY2G2G05A			
IC1302	6-716-878-01	IC AK8153AU-L			
IC2701	6-712-944-01	IC CS42L52-CNZR			
IC3001	6-718-186-01	IC CS48L10-CWZR			
* IC3301	6-712-050-01	IC SN65LVDS301ZQER			
IC4301	6-717-389-01	IC BD8330AGU-E2			
IC4302	6-716-945-01	IC BD8331GU-E2			
IC4303	6-718-155-01	IC R1207N823B-TR-FE			
* IC4304	6-714-502-01	IC BD2224G-TR			
IC4801	6-718-258-01	IC MB95005ABGL-G-135-ERE1			
IC9101	6-718-158-01	IC MAX14593EEWV+TG1A			
IC9102	6-718-154-01	IC BD8668GW-E2			
IC9103	6-716-783-01	IC BD11600NUX-E2			
IC9104	6-716-783-01	IC BD11600NUX-E2			
* IC9105	6-714-833-01	IC TPS2553DBVR-1			

Ref. No.	Part No.	Description	
		< COIL >	
* L1301	1-481-425-21	INDUCTOR	10uH
* L2701	1-481-425-21	INDUCTOR	10uH
* L2702	1-481-425-21	INDUCTOR	10uH
* L2703	1-481-425-21	INDUCTOR	10uH
* L2704	1-481-425-21	INDUCTOR	10uH
* L2705	1-481-425-21	INDUCTOR	10uH
L4301	1-460-355-11	INDUCTOR	4.7uH
L4302	1-460-370-11	INDUCTOR	10uH
L4303	1-460-370-11	INDUCTOR	10uH
L4304	1-460-370-11	INDUCTOR	10uH
L4305	1-460-370-11	INDUCTOR	10uH
* L4306	1-457-858-11	INDUCTOR	4.7uH
L4307	1-460-369-11	INDUCTOR	33uH
* L4308	1-481-425-21	INDUCTOR	10uH
* L9101	1-457-858-11	INDUCTOR	4.7uH
		< LINE FILTER >	
LF1301	1-457-374-21	COMMOM MODE CHOKE COIL	
LF1302	1-457-374-21	COMMOM MODE CHOKE COIL	
LF1303	1-457-374-21	COMMOM MODE CHOKE COIL	
LF1304	1-457-374-21	COMMOM MODE CHOKE COIL	
LF9102	1-457-223-11	COMMON MODE CHOKE COIL	
LF9103	1-457-223-11	COMMON MODE CHOKE COIL	
		< TRANSISTOR >	
Q1301	6-553-023-01	TRANSISTOR	FK3303010L
* Q1302	6-552-723-01	TRANSISTOR	SSM6N37FE, RSONYM
* Q1402	6-552-344-01	TRANSISTOR	DRA3143T0L
* Q1403	6-552-535-01	TRANSISTOR	DMG964030R
* Q1407	6-552-354-01	TRANSISTOR	DRC3144E0L
Q1408	6-552-874-01	TRANSISTOR	RW1C025ZPT2CR
* Q3301	6-552-354-01	TRANSISTOR	DRC3144E0L
Q4301	6-553-038-01	TRANSISTOR	DRA3115T0L
Q4302	6-553-038-01	TRANSISTOR	DRA3115T0L
Q4303	8-729-043-60	TRANSISTOR	CPH6102-TL-E
* Q4304	6-552-354-01	TRANSISTOR	DRC3144E0L
Q4305	6-551-663-01	TRANSISTOR	MTM684110LS0
* Q4306	6-552-354-01	TRANSISTOR	DRC3144E0L
Q4307	6-552-874-01	TRANSISTOR	RW1C025ZPT2CR
* Q4801	6-552-535-01	TRANSISTOR	DMG964030R
Q9102	6-553-025-01	TRANSISTOR	MCH6341-TL-E
* Q9103	6-552-348-01	TRANSISTOR	DRC3114E0L
* Q9107	6-552-348-01	TRANSISTOR	DRC3114E0L
		< RESISTOR >	
R1002	1-218-965-11	METAL CHIP	10K 5% 1/16W
R1003	1-218-945-11	METAL CHIP	220 5% 1/16W
R1004	1-218-953-11	METAL CHIP	1K 5% 1/16W
R1313	1-220-169-11	METAL CHIP	75 5% 1/16W
R1315	1-208-869-11	METAL CHIP	180 0.5% 1/16W
R1321	1-208-703-11	METAL CHIP	6.8K 0.5% 1/16W
R1331	1-250-481-11	METAL CHIP	270 1% 1/16W
R1332	1-218-970-11	METAL CHIP	27K 5% 1/16W
R1334	1-218-941-81	METAL CHIP	100 5% 1/16W
R1335	1-218-953-11	METAL CHIP	1K 5% 1/16W
R1342	1-218-956-11	METAL CHIP	1.8K 5% 1/16W
R1343	1-218-956-11	METAL CHIP	1.8K 5% 1/16W

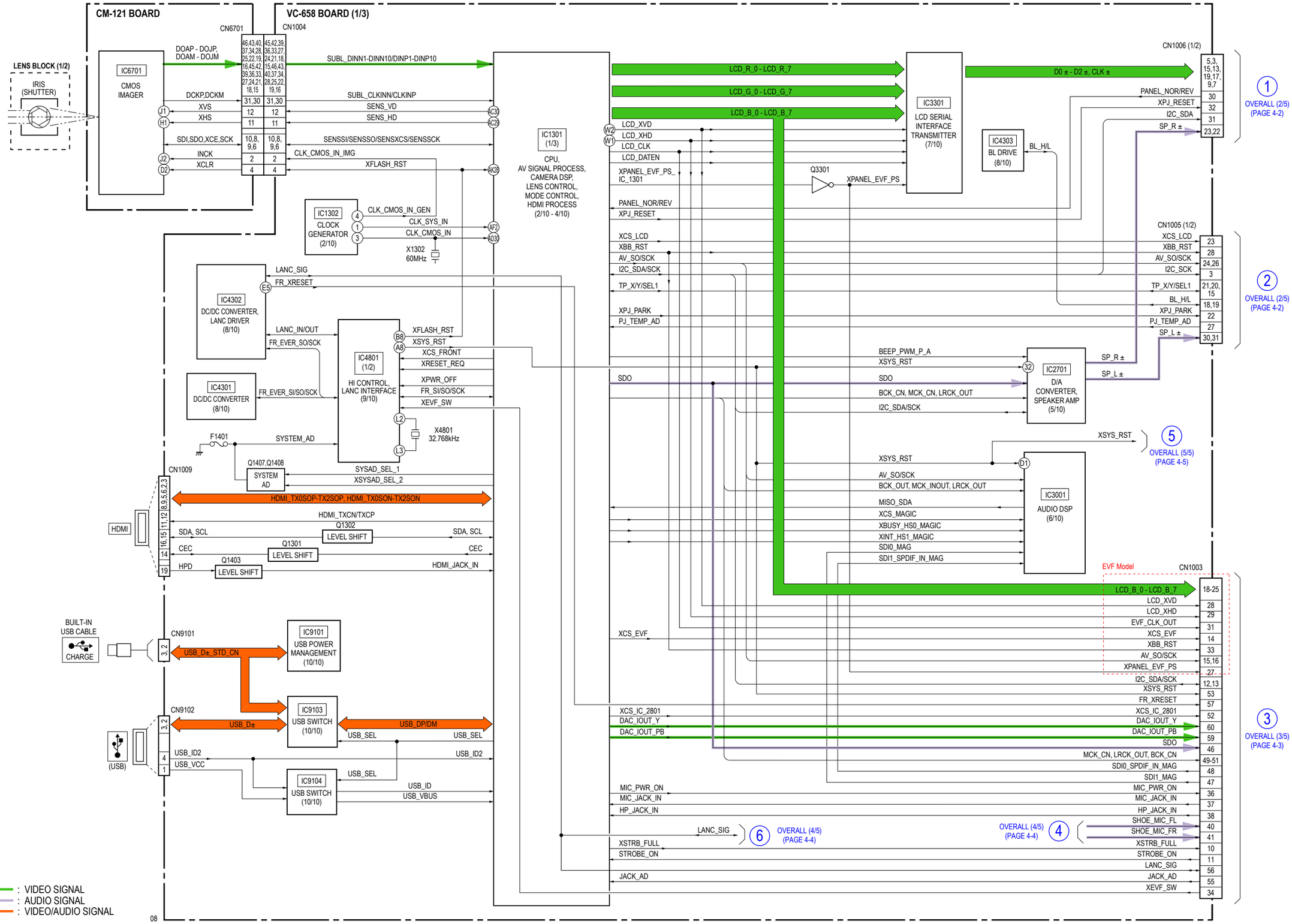
Ref. No.	Part No.	Description			
R1348	1-220-169-11	METAL CHIP	75	5%	1/16W
R1350	1-250-467-11	METAL CHIP	68	1%	1/16W
R1351	1-250-467-11	METAL CHIP	68	1%	1/16W
R1409	1-218-941-81	METAL CHIP	100	5%	1/16W
R1410	1-218-941-81	METAL CHIP	100	5%	1/16W
R1411	1-218-943-11	METAL CHIP	150	5%	1/16W
R1412	1-218-943-11	METAL CHIP	150	5%	1/16W
R1413	1-218-941-81	METAL CHIP	100	5%	1/16W
R1414	1-218-941-81	METAL CHIP	100	5%	1/16W
R1421	1-218-945-11	METAL CHIP	220	5%	1/16W
R1454	1-218-973-11	METAL CHIP	47K	5%	1/16W
R1455	1-218-989-11	METAL CHIP	1M	5%	1/16W
R1460	1-218-977-11	METAL CHIP	100K	5%	1/16W
R1472	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R1473	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R1515	1-208-668-11	METAL CHIP	240	0.5%	1/16W
R2702	1-218-971-11	METAL CHIP	33K	5%	1/16W
R3001	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3006	1-218-945-11	METAL CHIP	220	5%	1/16W
R3007	1-218-941-81	METAL CHIP	100	5%	1/16W
R3316	1-218-941-81	METAL CHIP	100	5%	1/16W
R3317	1-218-977-11	METAL CHIP	100K	5%	1/16W
R4302	1-218-941-81	METAL CHIP	100	5%	1/16W
R4303	1-250-535-11	METAL CHIP	47K	1%	1/16W
R4315	1-220-876-81	METAL CHIP	18	0.5%	1/16W
R4334	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4343	1-216-796-11	METAL CHIP	8.2	5%	1/10W
R4344	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4345	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R4346	1-218-965-11	METAL CHIP	10K	5%	1/16W
R4347	1-218-989-11	METAL CHIP	1M	5%	1/16W
R4348	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4349	1-220-876-81	METAL CHIP	18	0.5%	1/16W
R4802	1-245-604-11	METAL CHIP	10M	5%	1/16W
R4803	1-208-893-11	METAL CHIP	1.8K	0.5%	1/16W
R4807	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R4808	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4809	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4810	1-218-949-11	METAL CHIP	470	5%	1/16W
R4812	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4814	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R4815	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R4817	1-250-535-11	METAL CHIP	47K	1%	1/16W
* R4818	1-250-543-11	METAL CHIP	100K	1%	1/16W
R9116	1-218-941-81	METAL CHIP	100	5%	1/16W
R9120	1-218-989-11	METAL CHIP	1M	5%	1/16W
R9133	1-248-311-11	RES-CHIP	0.1	1%	1/4W
R9134	1-250-535-11	METAL CHIP	47K	1%	1/16W
R9135	1-218-969-11	METAL CHIP	22K	5%	1/16W
R9136	1-218-944-11	METAL CHIP	180	5%	1/16W
R9137	1-208-709-11	METAL CHIP	12K	0.5%	1/16W
R9138	1-218-973-11	METAL CHIP	47K	5%	1/16W
R9140	1-257-317-11	METAL CHIP	47	1%	1/2W
R9141	1-218-963-11	METAL CHIP	6.8K	5%	1/16W
R9142	1-218-953-11	METAL CHIP	1K	5%	1/16W

Ref. No.	Part No.	Description	
		< COMPOSITION CIRCUIT BLOCK >	
RB1001	1-234-373-21	RES, NETWORK	220 (1005X4)
RB1002	1-234-373-21	RES, NETWORK	220 (1005X4)
RB1302	1-234-377-21	RES, NETWORK	4.7K (1005X4)
RB1402	1-234-372-11	RES, NETWORK	100 (1005X4)
RB1403	1-200-051-21	RES, NETWORK	150 (1005X4)
RB1404	1-234-372-11	RES, NETWORK	100 (1005X4)
RB1405	1-234-372-11	RES, NETWORK	100 (1005X4)
RB1407	1-234-377-21	RES, NETWORK	4.7K (1005X4)
RB3001	1-234-380-21	RES, NETWORK	47K (1005X4)
RB4801	1-234-375-21	RES, NETWORK	1K (1005X4)
RB4802	1-234-378-21	RES, NETWORK	10K (1005X4)
RB4803	1-234-378-21	RES, NETWORK	10K (1005X4)
RB9101	1-234-381-11	RES, NETWORK	100K (1005X4)
		< VARISTOR >	
VD1001	1-802-090-21	VARISTOR, CHIP	
VD1003	1-802-090-21	VARISTOR, CHIP	
VD1004	1-805-774-21	VARISTOR, CHIP	
VD1005	1-805-774-21	VARISTOR, CHIP	
		< VIBRATOR >	
X1302	1-814-219-31	QUARTZ CRYSTAL OSCILLATOR (60MHz)	
X4801	1-781-525-11	VIBRATOR, CRYSTAL (32.768kHz)	

4. BLOCK DIAGRAMS

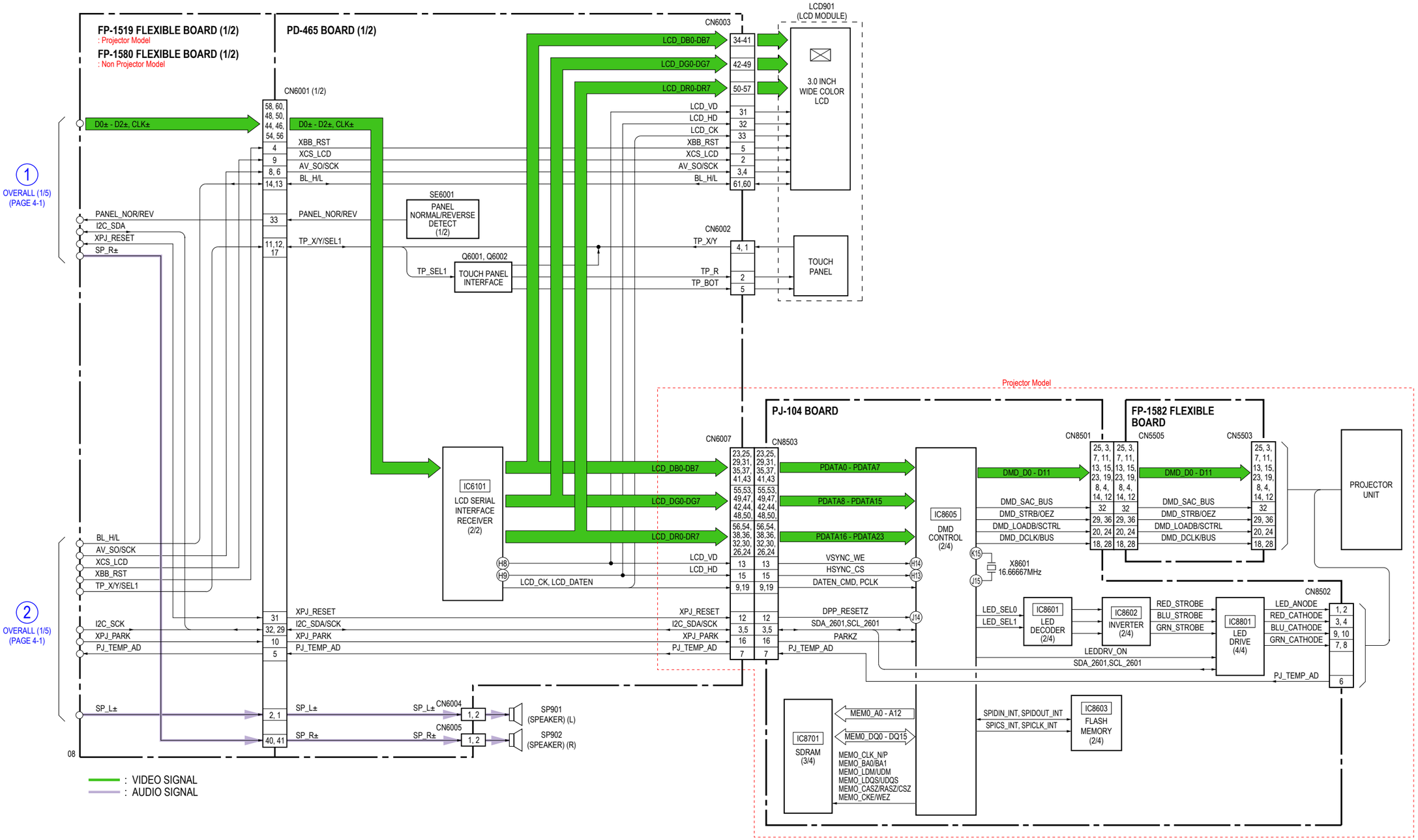
4-1. OVERALL BLOCK DIAGRAM (1/5)

( ) : Number in parenthesis ( ) indicates the division number of schematic diagram where the component is located.



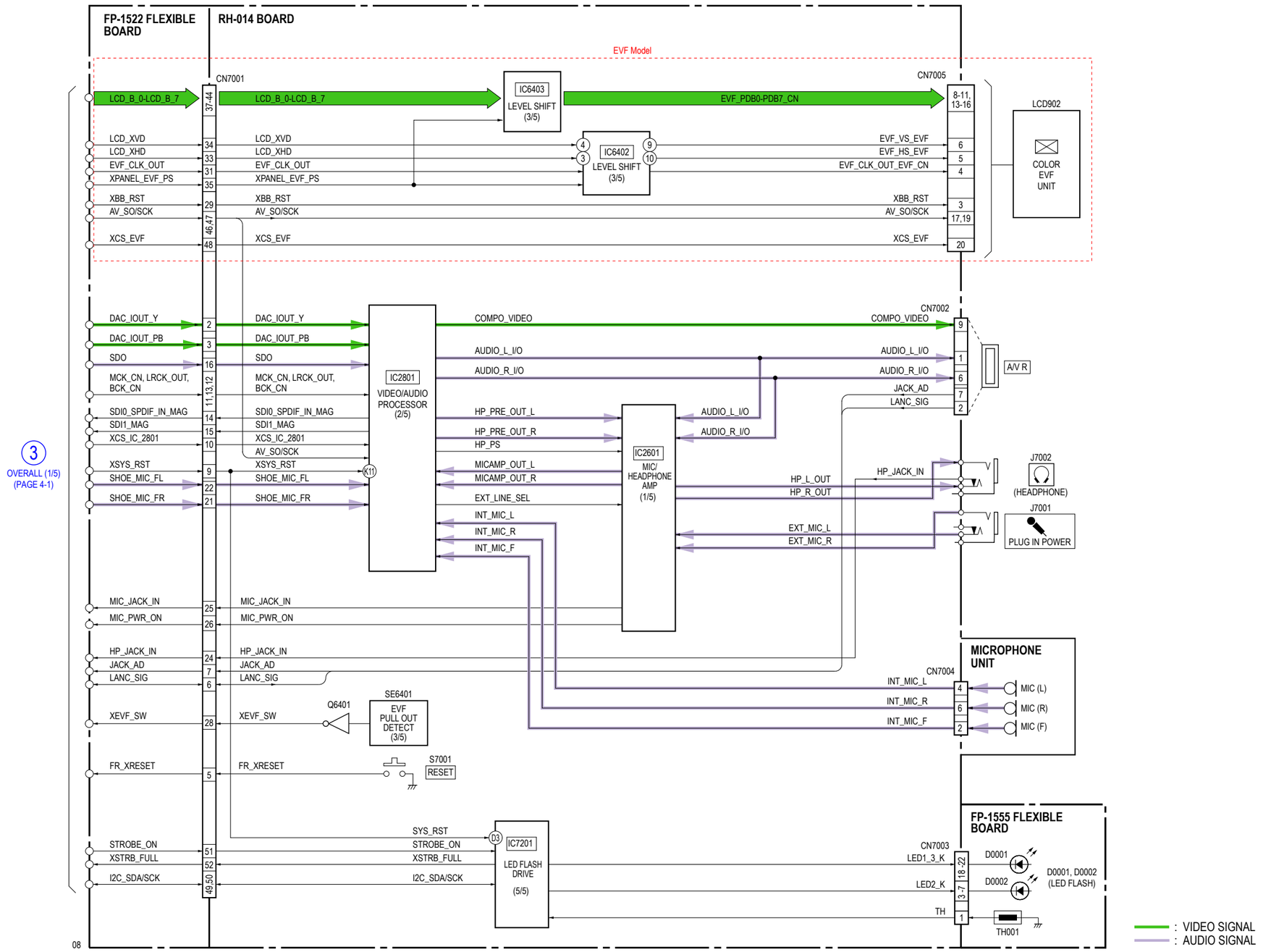
4-2. OVERALL BLOCK DIAGRAM (2/5)

( ) : Number in parenthesis ( ) indicates the division number of schematic diagram where the component is located.



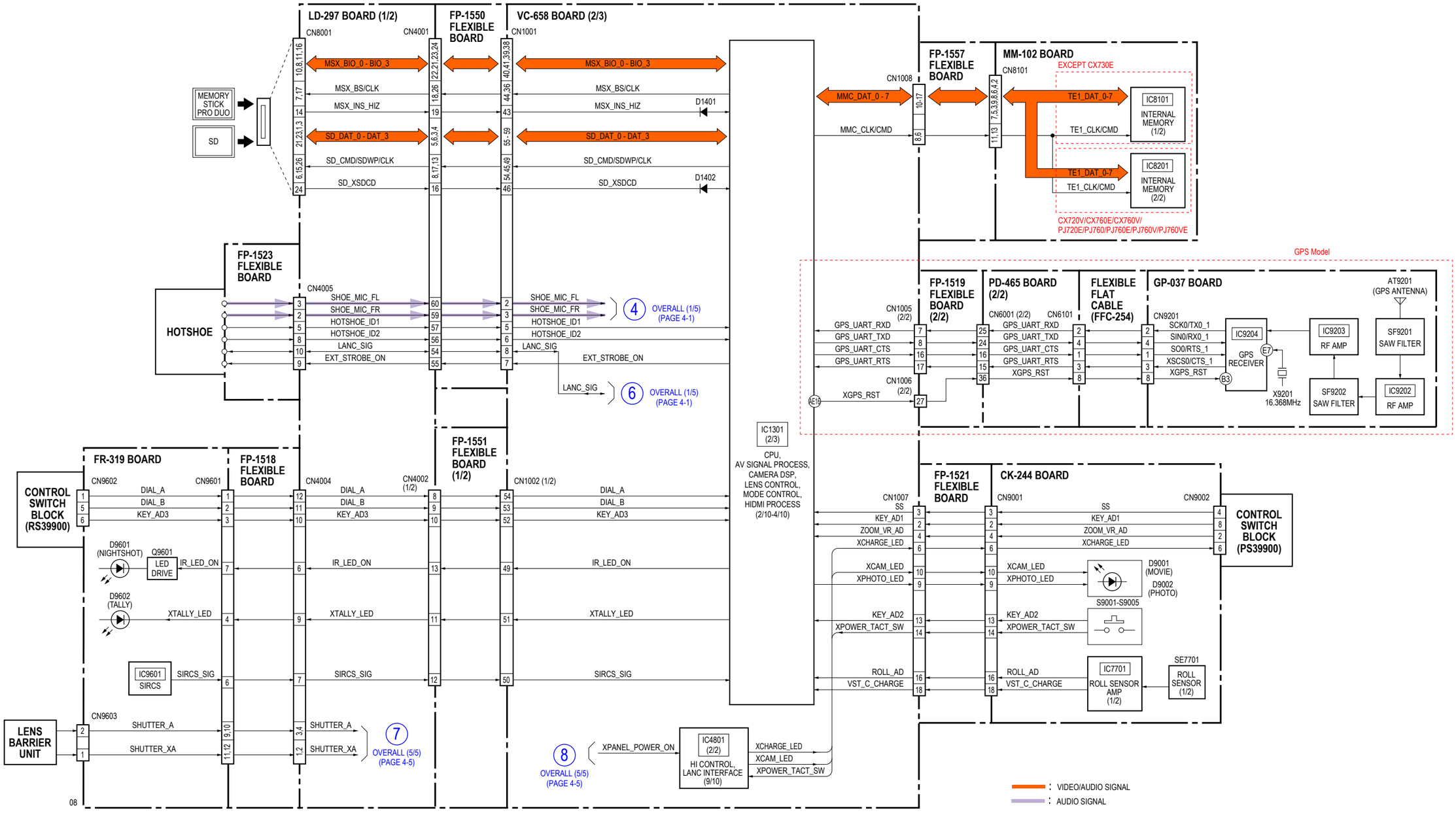
4-3. OVERALL BLOCK DIAGRAM (3/5)

( ) : Number in parenthesis ( ) indicates the division number of schematic diagram where the component is located.



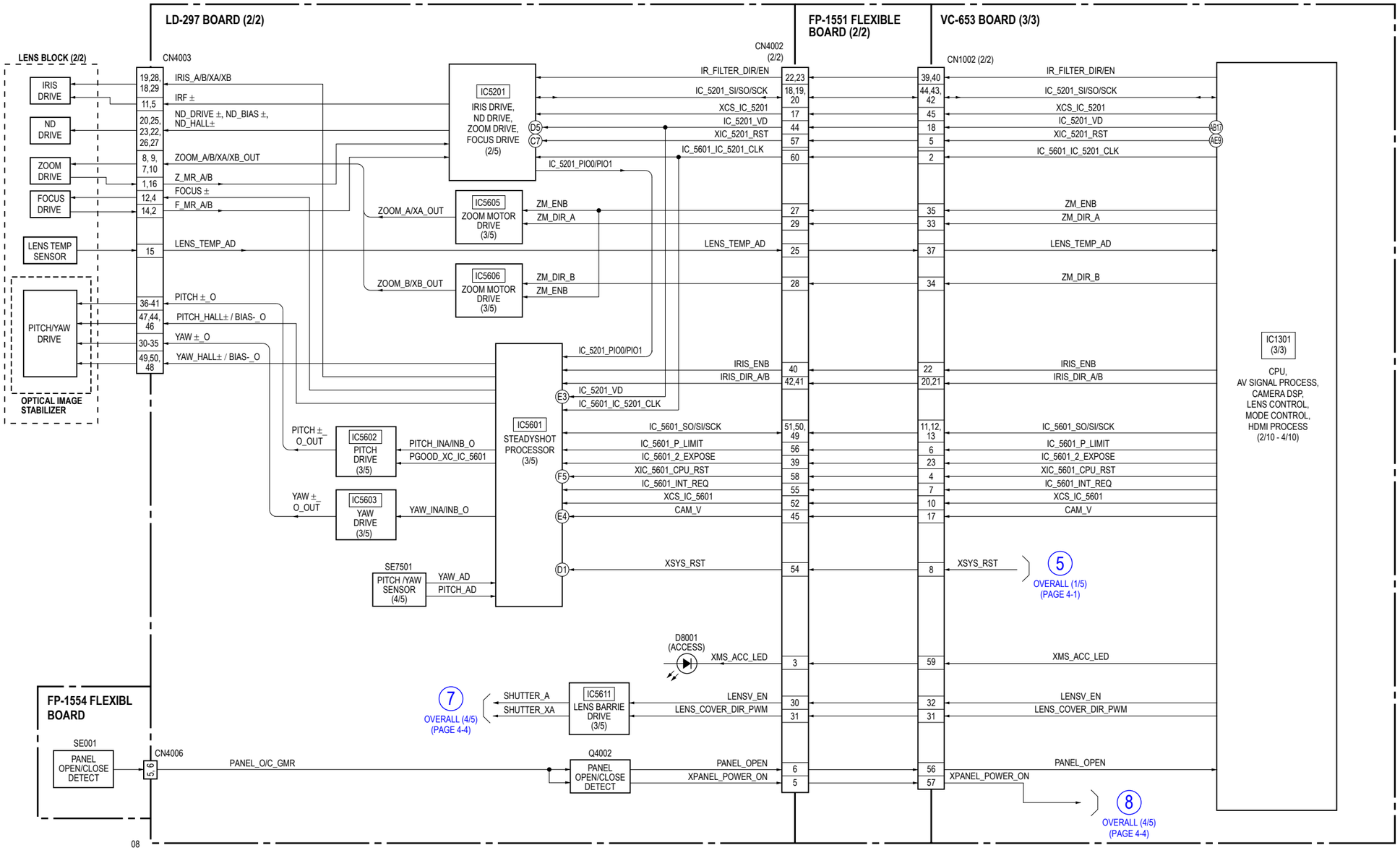
4-4. OVERALL BLOCK DIAGRAM (4/5)

( ) : Number in parenthesis ( ) indicates the division number of schematic diagram where the component is located.



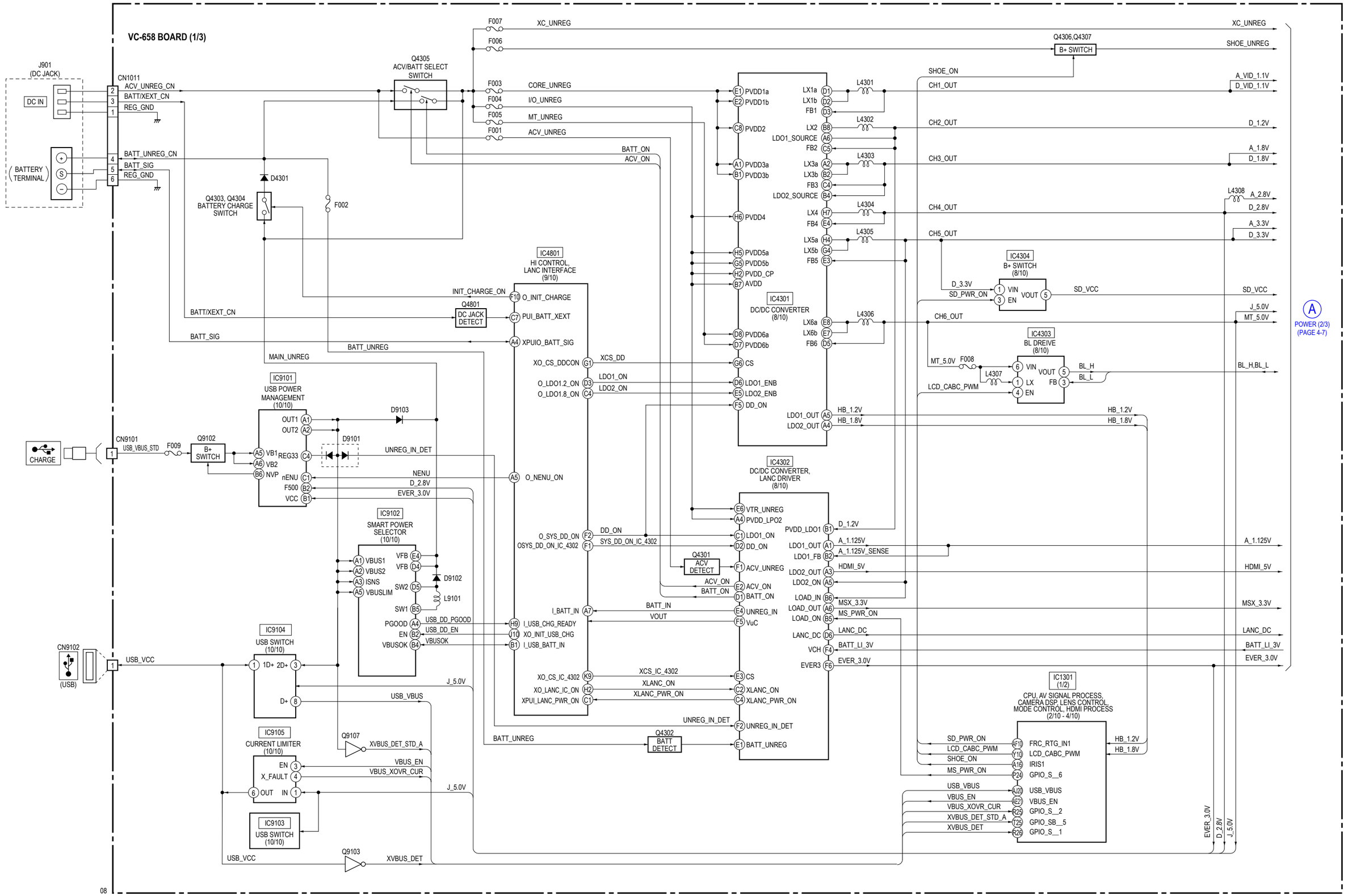
4-5. OVERALL BLOCK DIAGRAM (5/5)

( ) : Number in parenthesis ( ) indicates the division number of schematic diagram where the component is located.



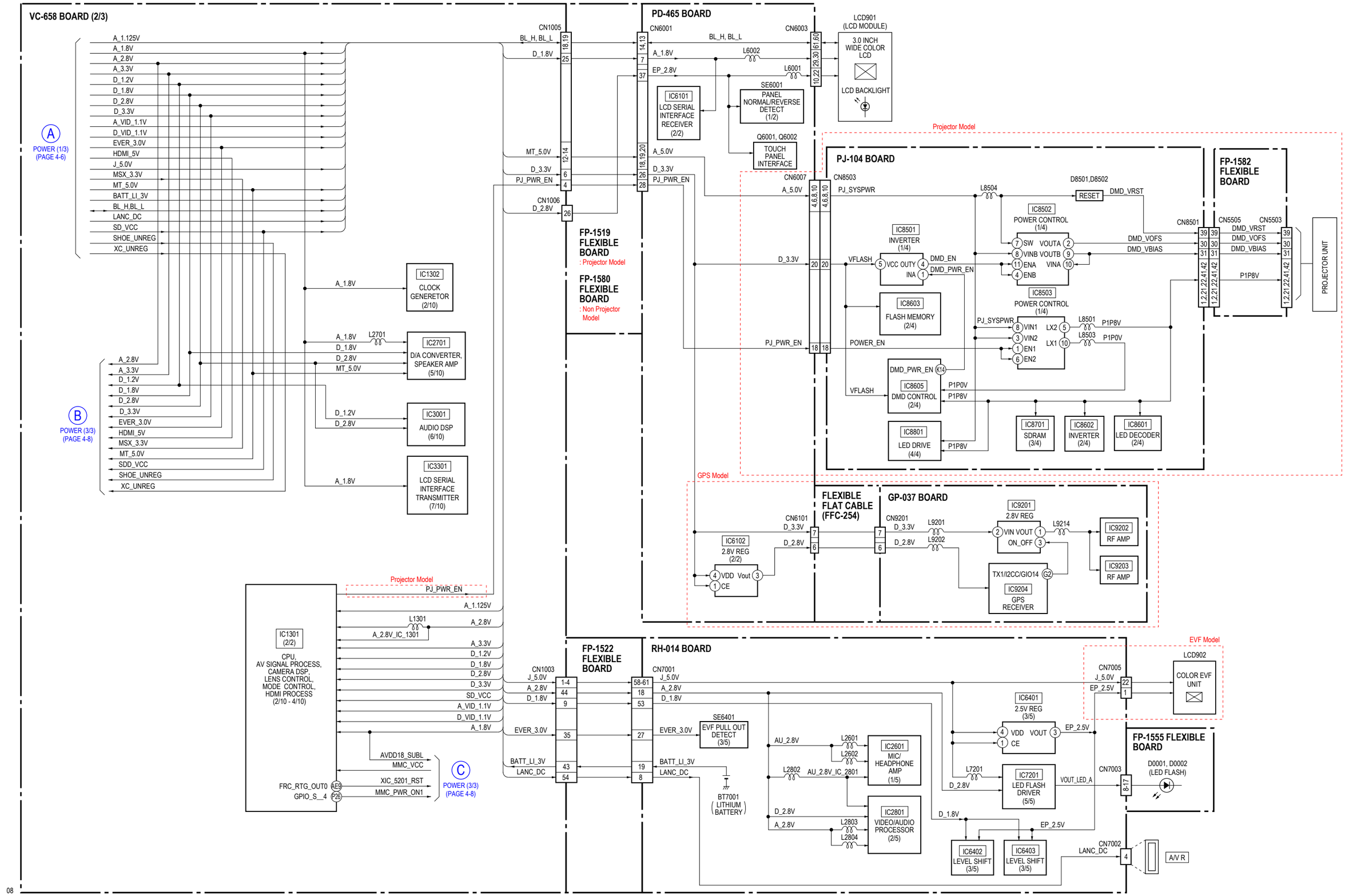
4-6. POWER BLOCK DIAGRAM (1/3)

( ) : Number in parenthesis ( ) indicates the division number of schematic diagram where the component is located.



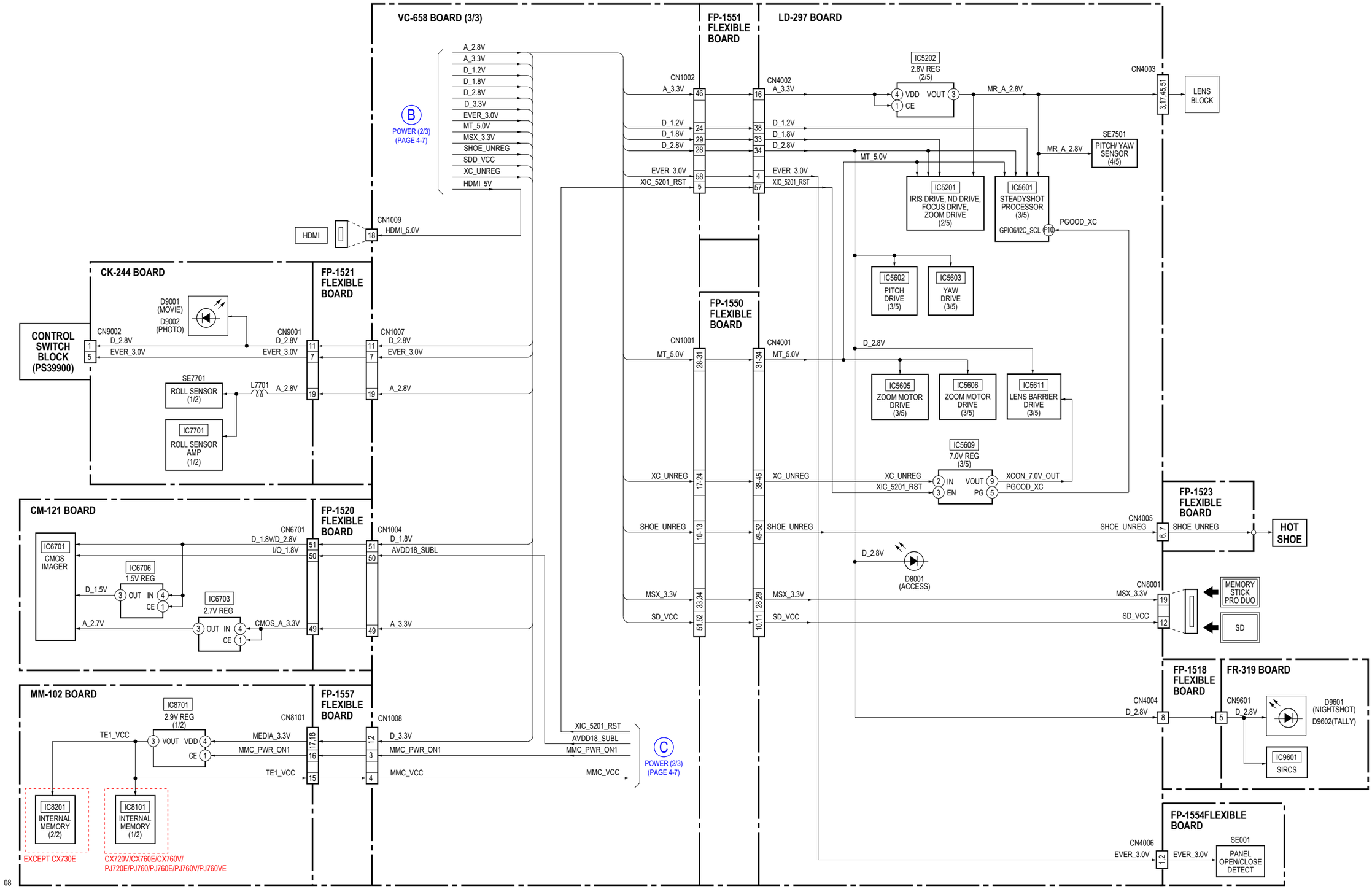
4-7. POWER BLOCK DIAGRAM (2/3)

( ) : Number in parenthesis ( ) indicates the division number of schematic diagram where the component is located.



4-8. POWER BLOCK DIAGRAM (3/3)

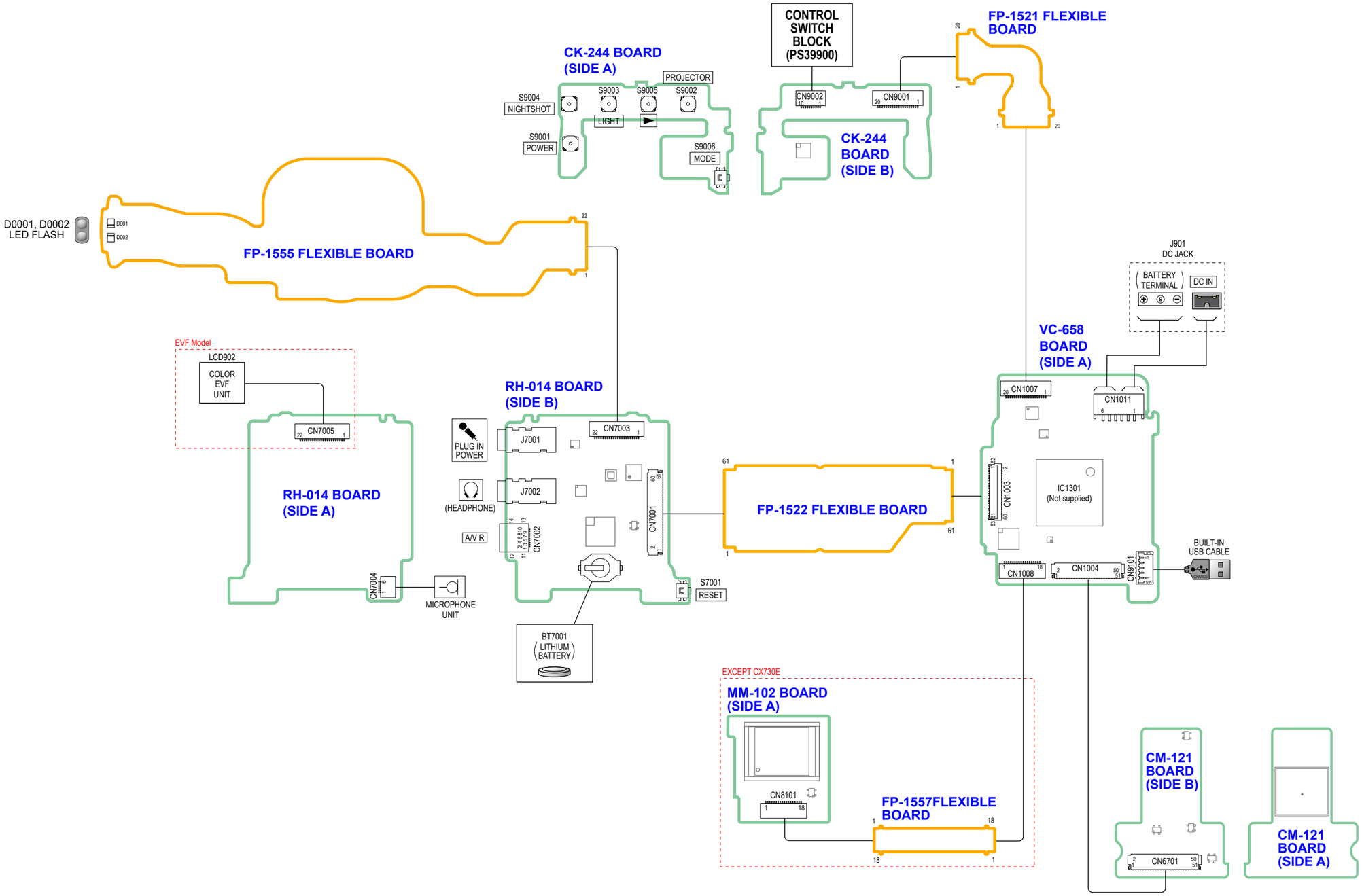
( ) : Number in parenthesis ( ) indicates the division number of schematic diagram where the component is located.



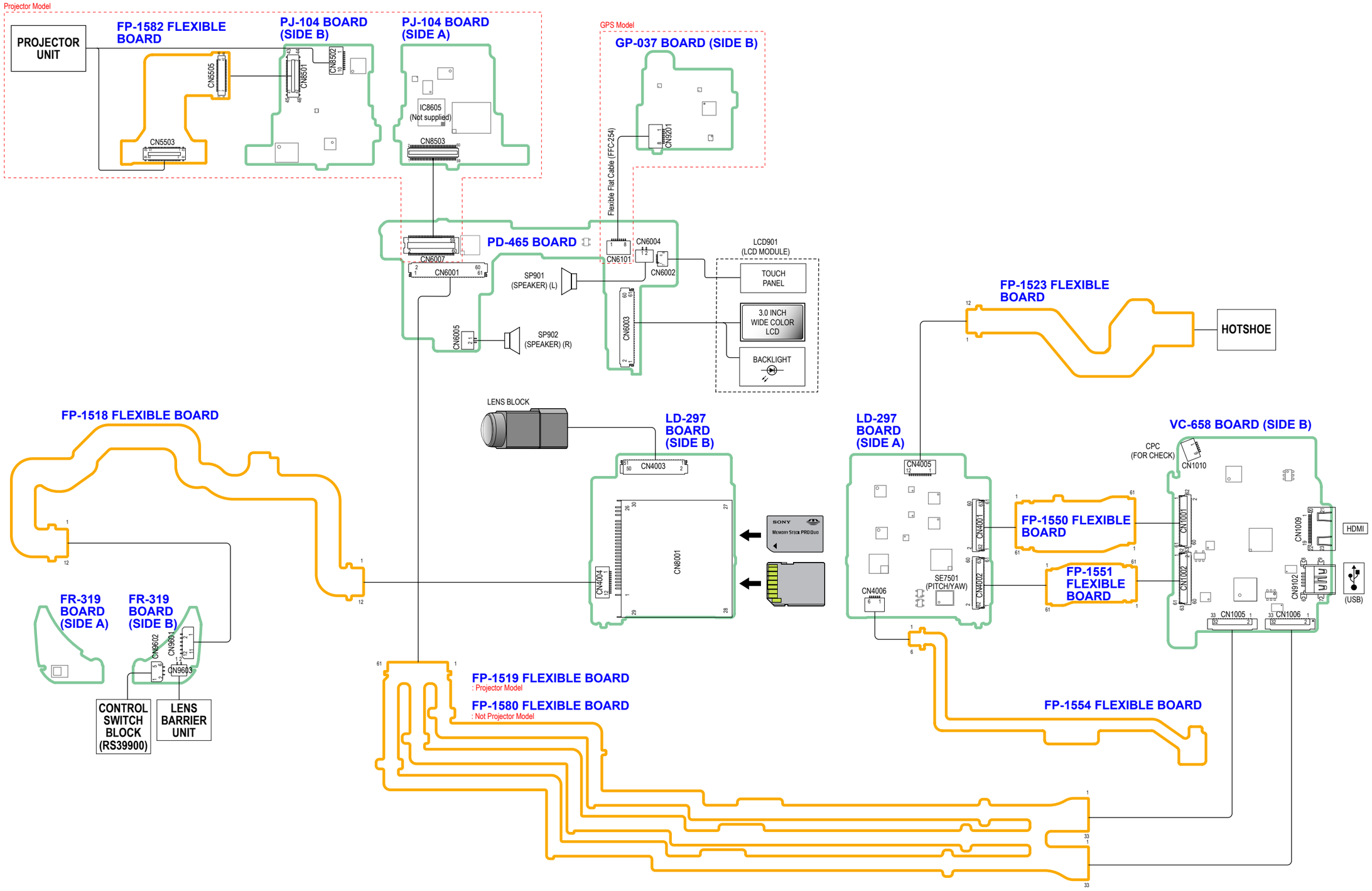
08

5. FRAME SCHEMATIC DIAGRAMS

5-1. FRAME SCHEMATIC DIAGRAM (1/2)



5-2. FRAME SCHEMATIC DIAGRAM (2/2)



6. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

– ENGLISH –

THIS NOTE IS COMMON FOR SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS
(In addition to this, the necessary note is printed in each block)

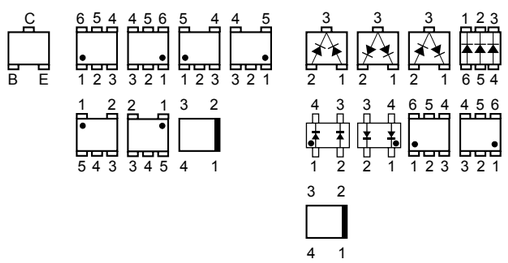
For Schematic Diagrams

- All capacitors are in μF unless otherwise noted. pF : μF. 50 V or less are not indicated except for electrolytics and tantalums.
- Chip resistors are 1/10 W unless otherwise noted.
  kΩ=1000 Ω, MΩ=1000 kΩ.
- Caution when replacing chip parts.
  New parts must be attached after removal of chip.
  Be careful not to heat the minus side of tantalum capacitor,
  Because it is damaged by the heat.
- Some chip part will be indicated as follows.
  Example C541 L452
  22U 10UH
  TA A 2520
  Kinds of capacitor / Case size / External dimensions (mm)
- Constants of resistors, capacitors, ICs and etc with XX indicate that they are not used.
  In such cases, the unused circuits may be indicated.
- Parts with ★ differ according to the model/destination.
  Refer to the mount table for each function.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Signal name
  XEDIT → $\overline{\text{EDIT}}$ PB/XREC → PB/$\overline{\text{REC}}$
- : non flammable resistor
- : fusible resistor
- : panel designation
- : B+ Line
- : B– Line
- : IN/OUT direction of (+, –) B LINE.
- : adjustment for repair.

For Printed Wiring Boards

- : Uses unleaded solder.
- : Circuit board
- : Flexible board
  Pattern from the side which enables seeing.
  : pattern of the rear side
  (The other layers' patterns are not indicated)
- Through hole is omitted.
- There are a few cases that the part printed on diagram isn't mounted in this model.
- : panel designation

- Chip parts.
  Transistor Diode



Precautions for Replacement of Imager

- If the imager has been replaced, carry out all the adjustments for the camera section.
- As the imager may be damaged by static electricity from its structure, handle it carefully like for the MOS IC.
  In addition, ensure that the receiver is not covered with dusts nor exposed to strong light.

When indicating parts by reference number, please include the board name.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

– JAPANESE –

回路図，プリント図共通ノート
（他に必要なノートは各セクションに記載しています）

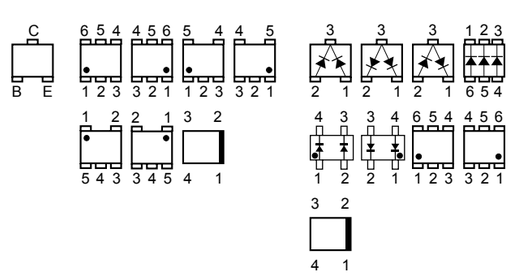
回路図ノート

- ケミコン，タンタルを除くコンデンサで，耐圧50V以下のものはその耐圧を省略。単位はすべてμF(pはpF)。
- チップ抵抗で指示のないものは，1/10W以下。
  kΩ＝1000Ω，MΩ＝1000kΩ
- チップ部品交換時の注意
  取り外した部品は再使用せず，未使用の部品をご使用ください。
  タンタルコンデンサのマイナス側は熱に弱いため注意してください。
- チップ部品には下記のように表示したものがあります。
  例 C541 L452
  22U 10UH
  TA A 2520
  種類 / ケースサイズ / 外形寸法(mm)
- 抵抗，コンデンサ，ICなど定数にXXがあるものは，使用していない事を示しています。このため，使用していない回路が記載されている事があります。
- ★印のある部品は，機種などにより異なりますので機能別マウント一覧表を参照してください。
- 可変抵抗と半固定抵抗で，B特性の表示を省略。
- 信号名表記について，下記のような場合があります。
  XEDIT → $\overline{\text{EDIT}}$ PB/XREC → PB/$\overline{\text{REC}}$
- は不燃性抵抗。
- はヒューズ抵抗。
- はパネル表示名称。
- はB＋ライン。
- はB－ライン。
- はBライン(＋，－)の入出力方向を示す。
- は調整名称。

プリント図ノート

- ：無鉛半田を使用しています。
- ：基板
  ：フレキシブル配線板
  見ている面側のパターン。
  ：裏側のパターン
  (他のパターンについては表示されていません)
- スルーホールは省略。
- プリント図には，本機で使用していない部品が記載されている場合があります。
- はパネル表示名称。

- Chip parts.
  Transistor Diode

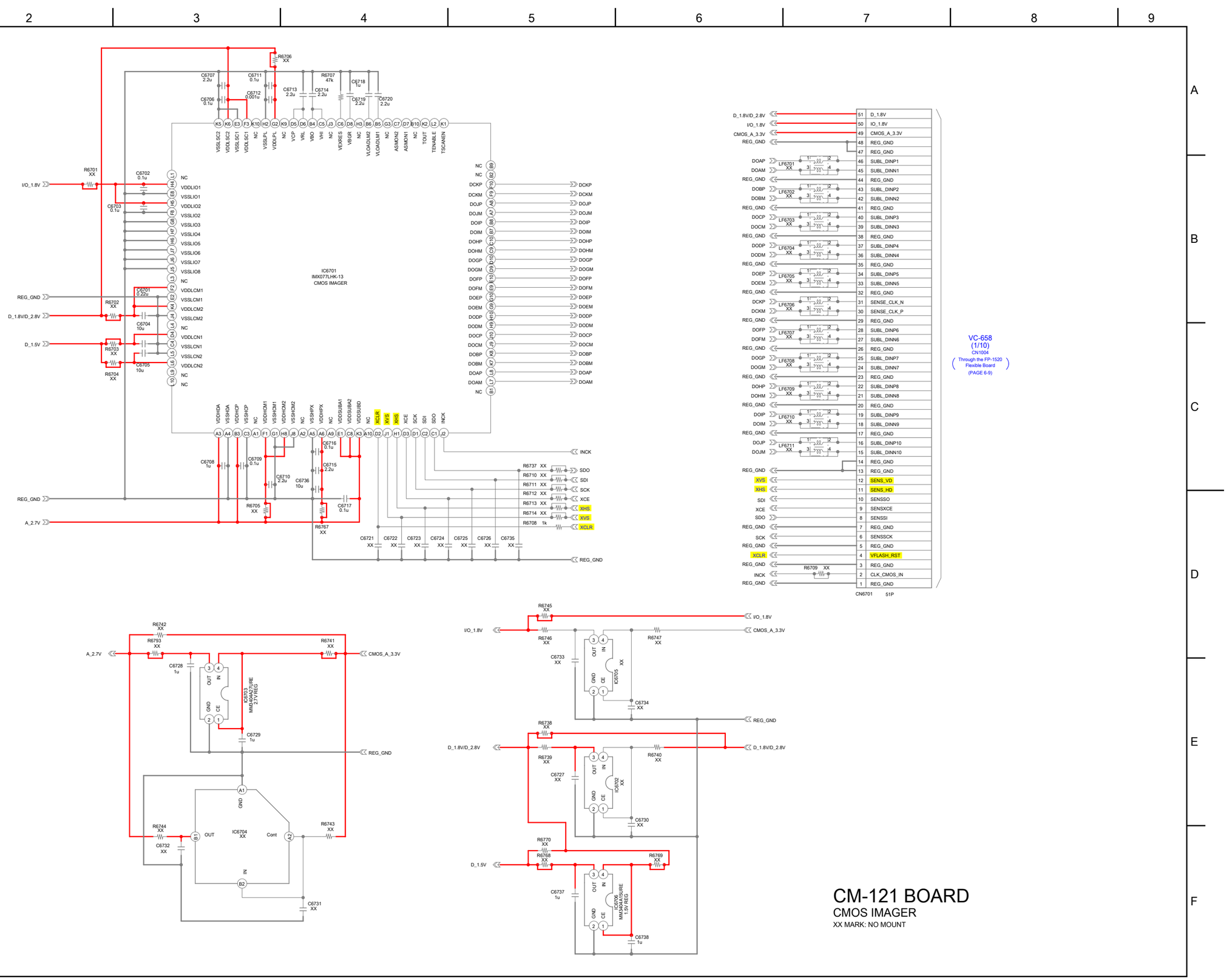


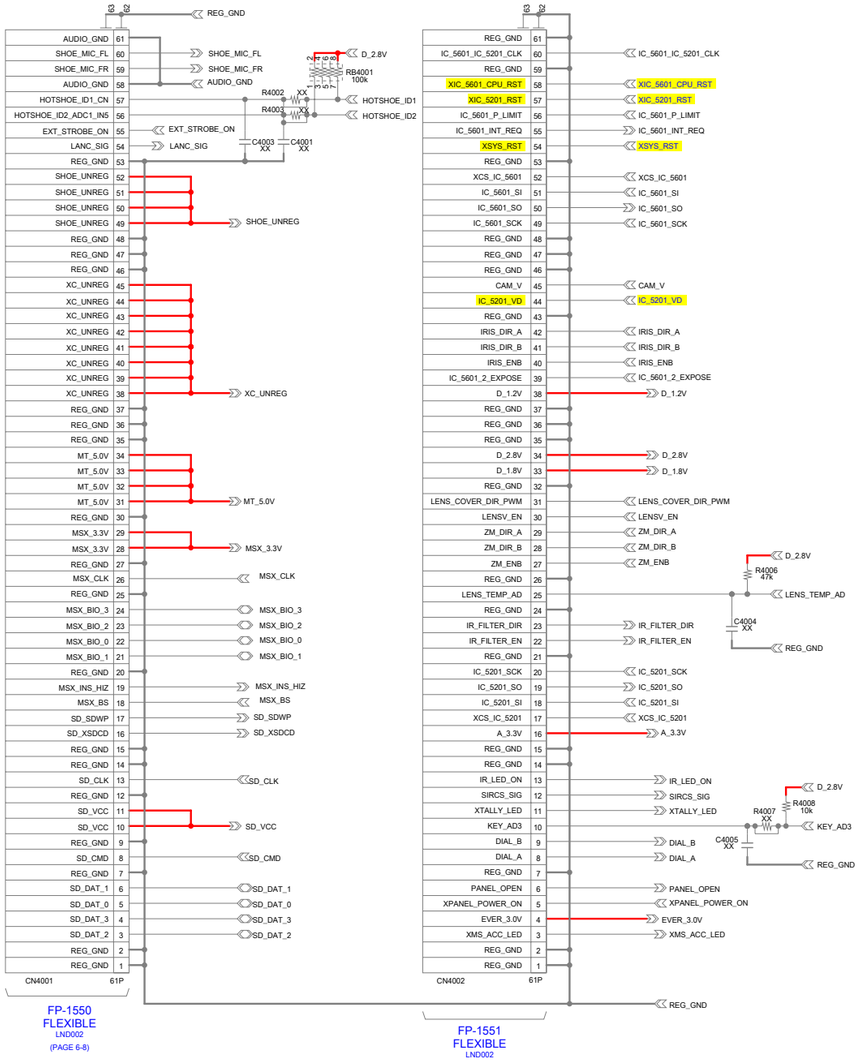
イメージャ交換時の注意

- イメージャを交換した場合は，カメラ部の全調整を行ってください。
- イメージャは構造上，静電気により破壊される恐れがあるため，MOS ICと同様に注意して取り扱ってください。
  また，受光部にはゴミの付着，および強い光がはいることのないように注意してください。

お願い
図面番号で部品を指定するときは基板名又はブロックを併せて指定してください。

⚠印の部品，または⚠印付の点線で囲まれた部品は，安全性を維持するために，重要な部品です。
従って交換時は，必ず指定の部品を使用してください。

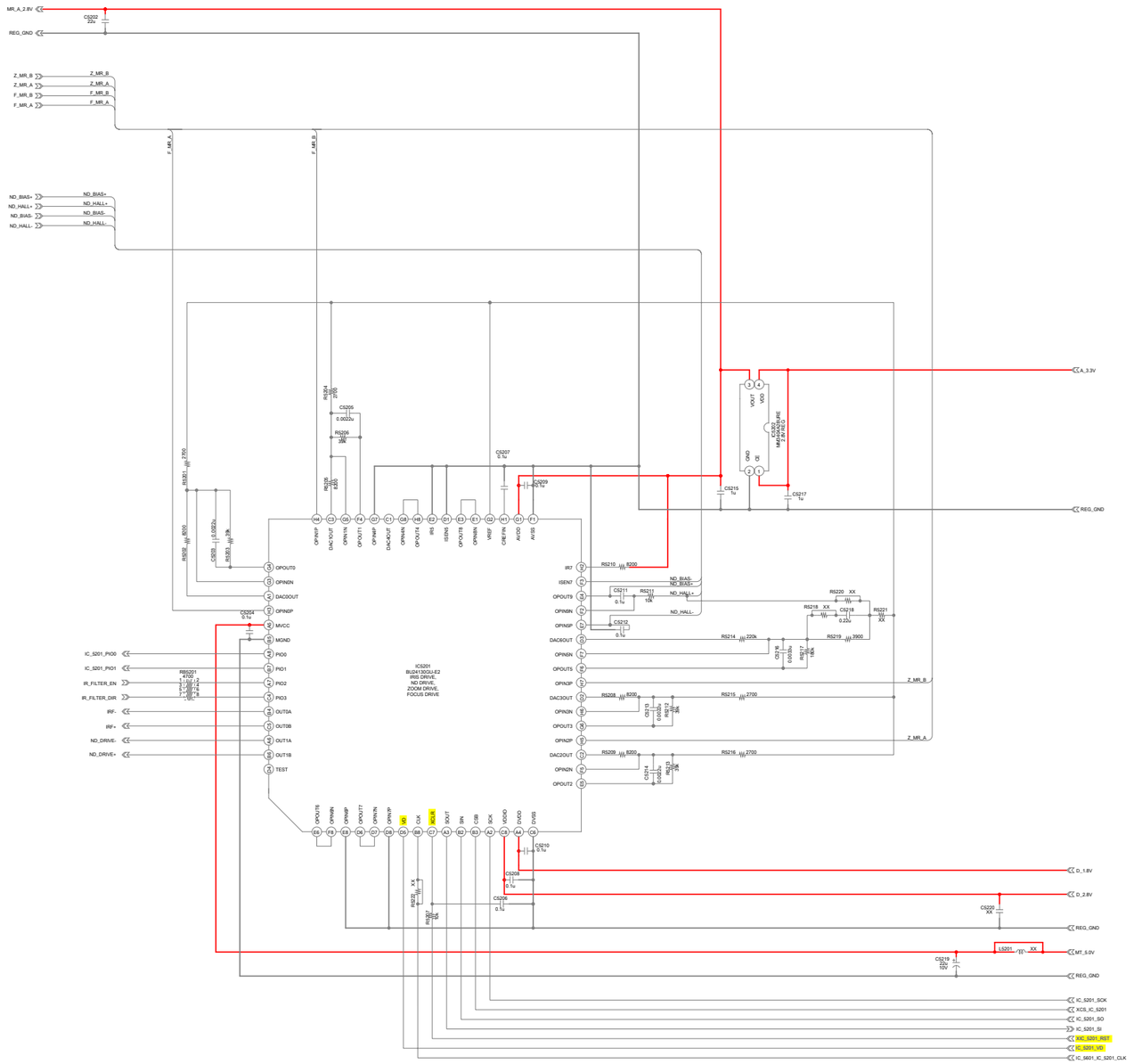

IC6701
IMX077LHK-13
CMOS IMAGER
VC-658
(1/10)
CN1004
Through the FP-1520
Flexible Board
(PAGE 6-9)
CN6701 51P
CM-121 BOARD
CMOS IMAGER
XX MARK: NO MOUNT



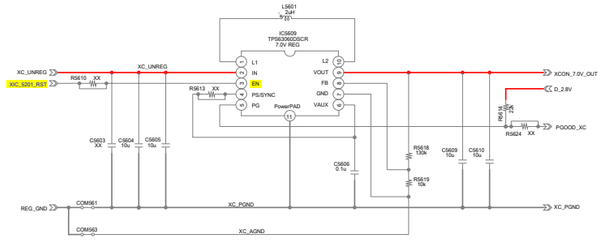
LD-297 BOARD (1/5)

CONNECTORS

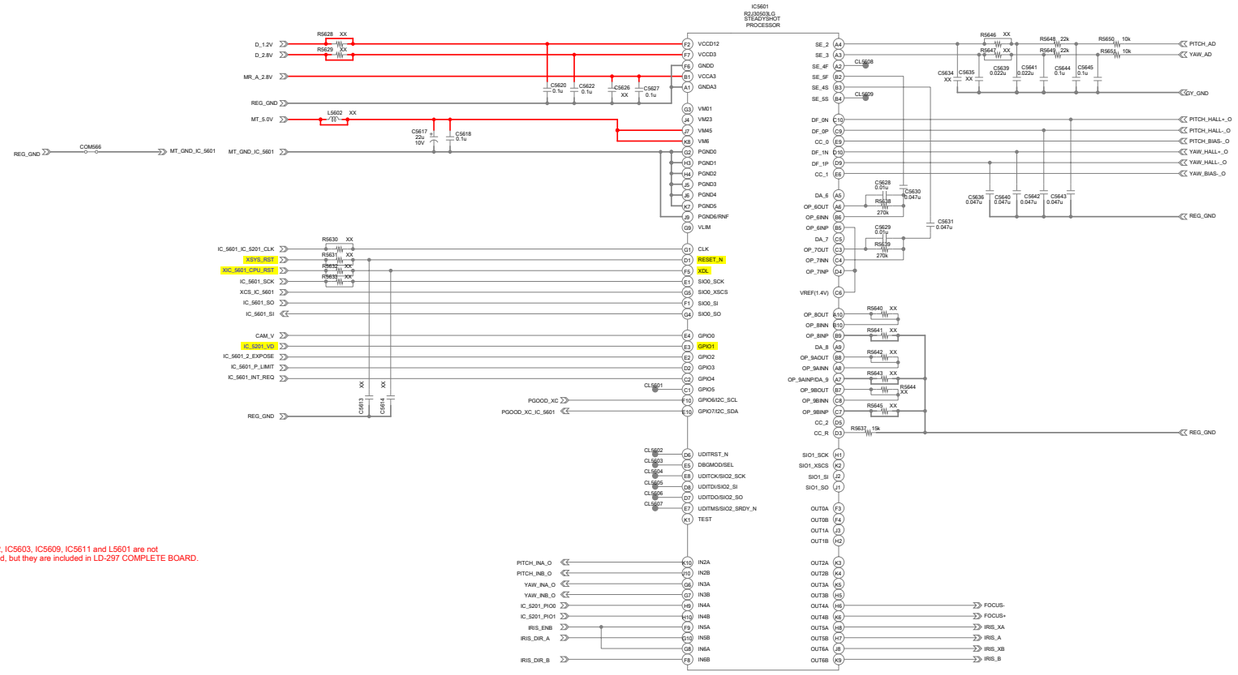
XX MARK: NO MOUNT

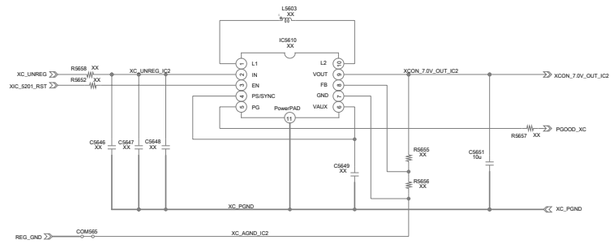


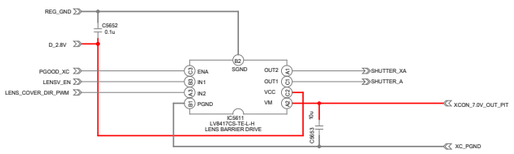
LD-297 BOARD (2/5)
IRIS/ND/ZOOM/FOCUS DRIVE
XX MARK: NO MOUNT

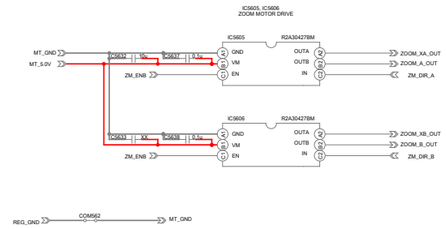


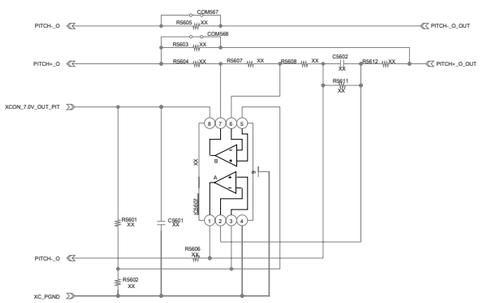
Note: IC5602, IC5603, IC5609, IC5611 and L5601 are not supplied, but they are included in LD-297 COMPLETE BOARD.

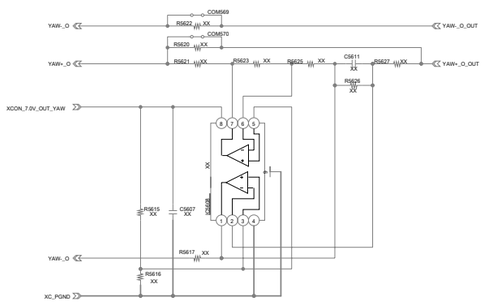


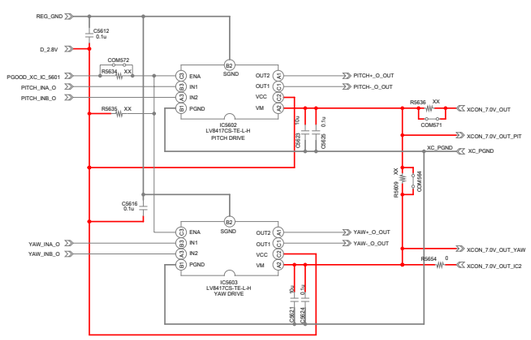








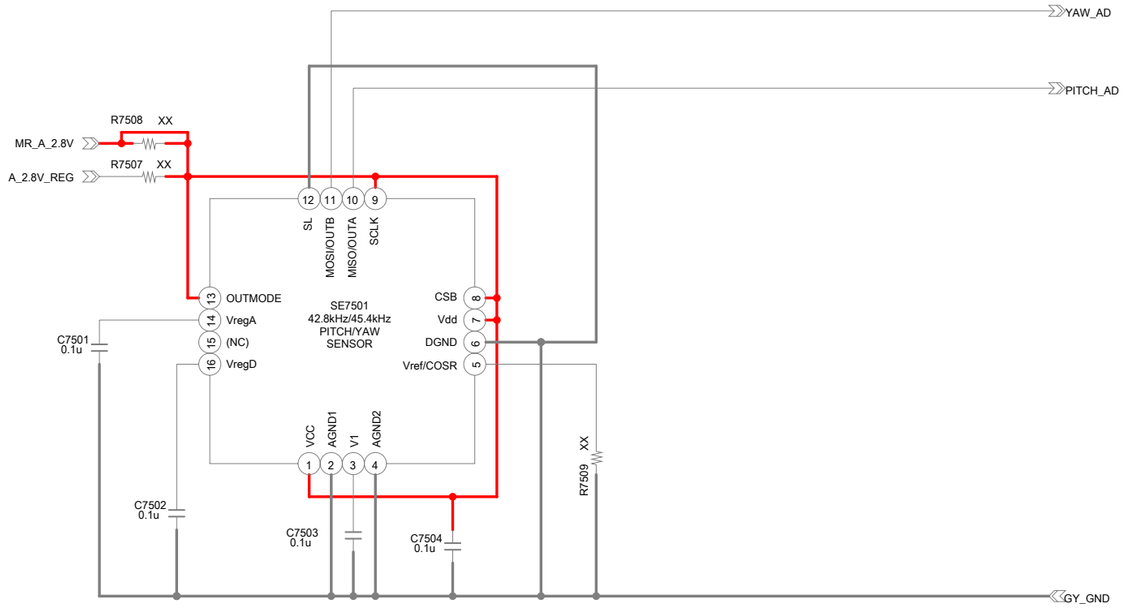


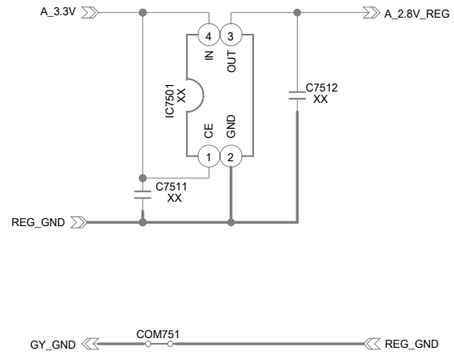


LD-297 BOARD (3/5)

LENS CONTROL

XX MARK: NO MOUNT

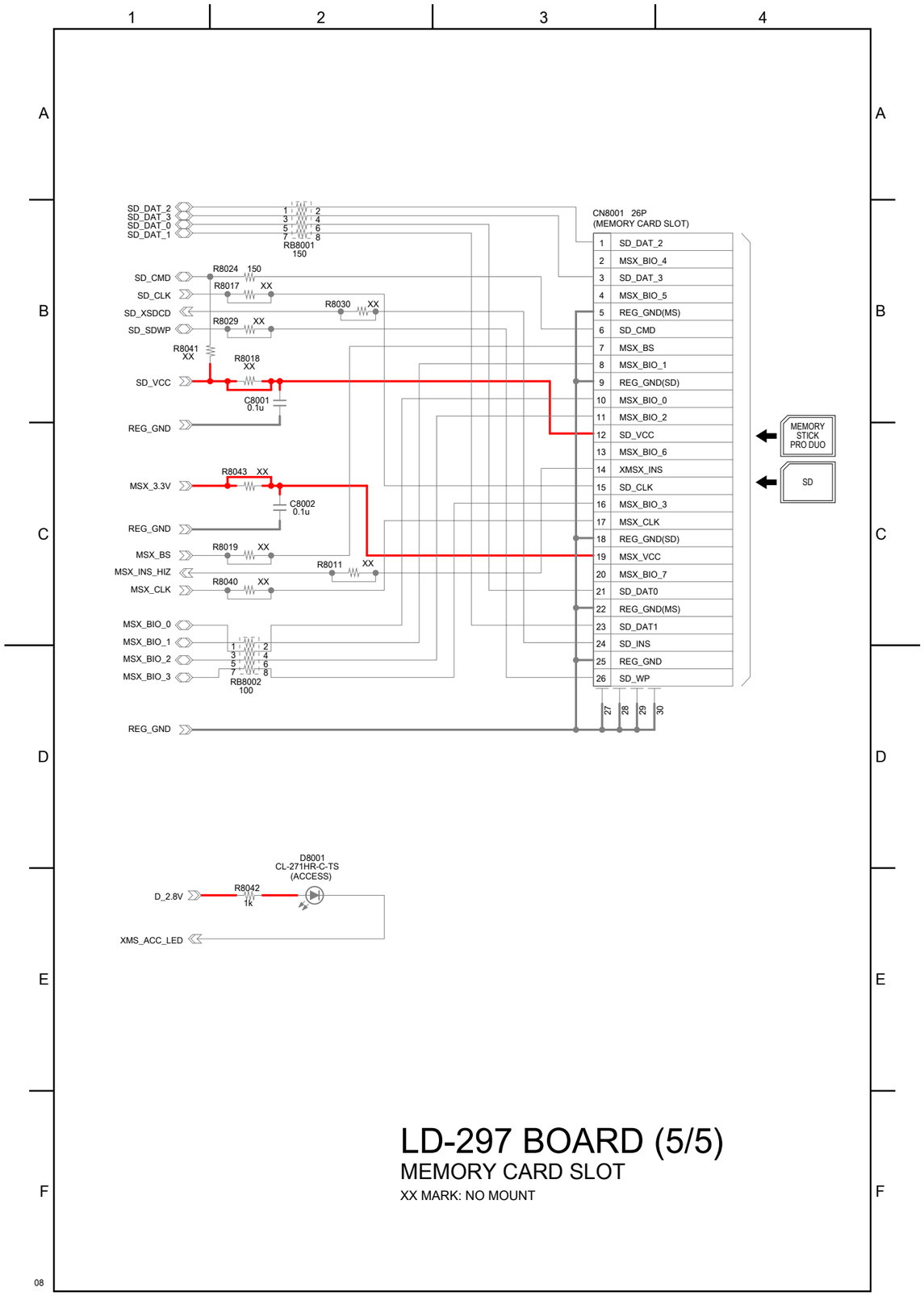




LD-297 BOARD (4/5)

PITCH/YAW SENSOR

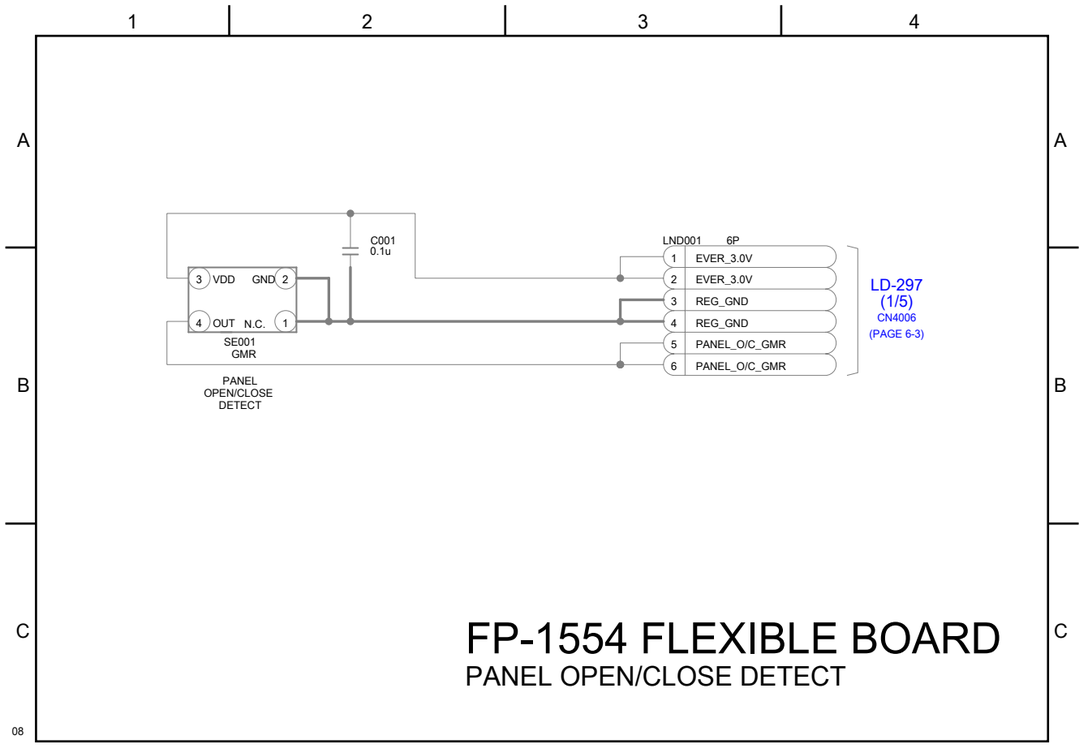
XX MARK: NO MOUNT



LD-297 BOARD (5/5)

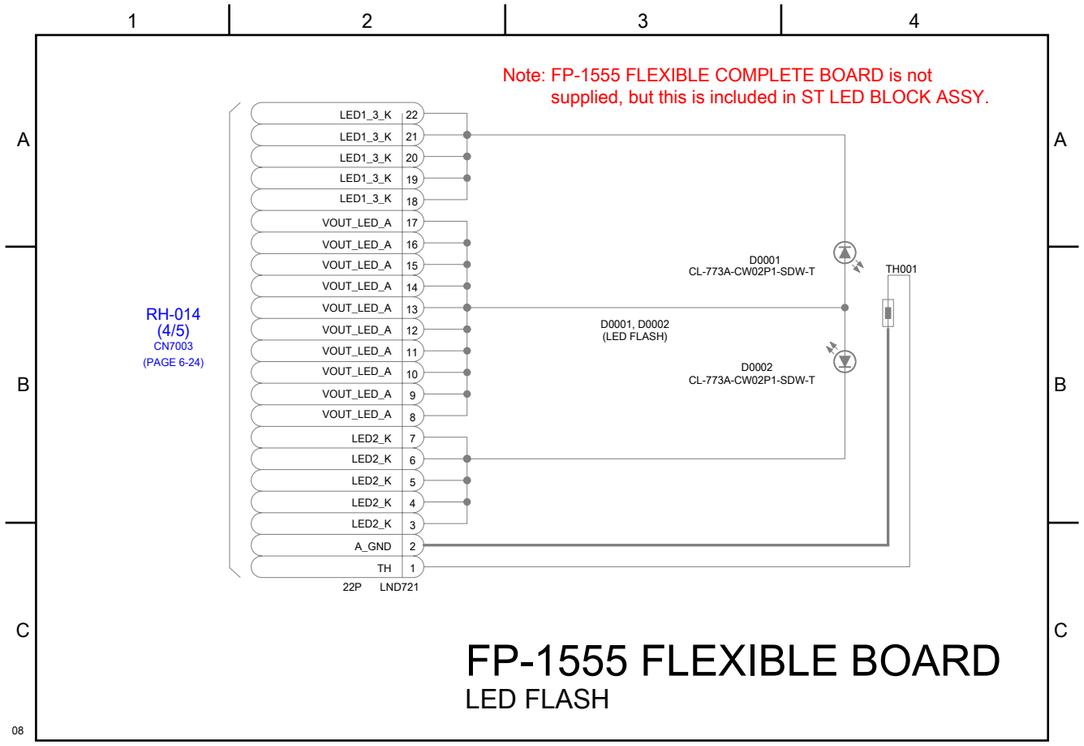
MEMORY CARD SLOT

XX MARK: NO MOUNT



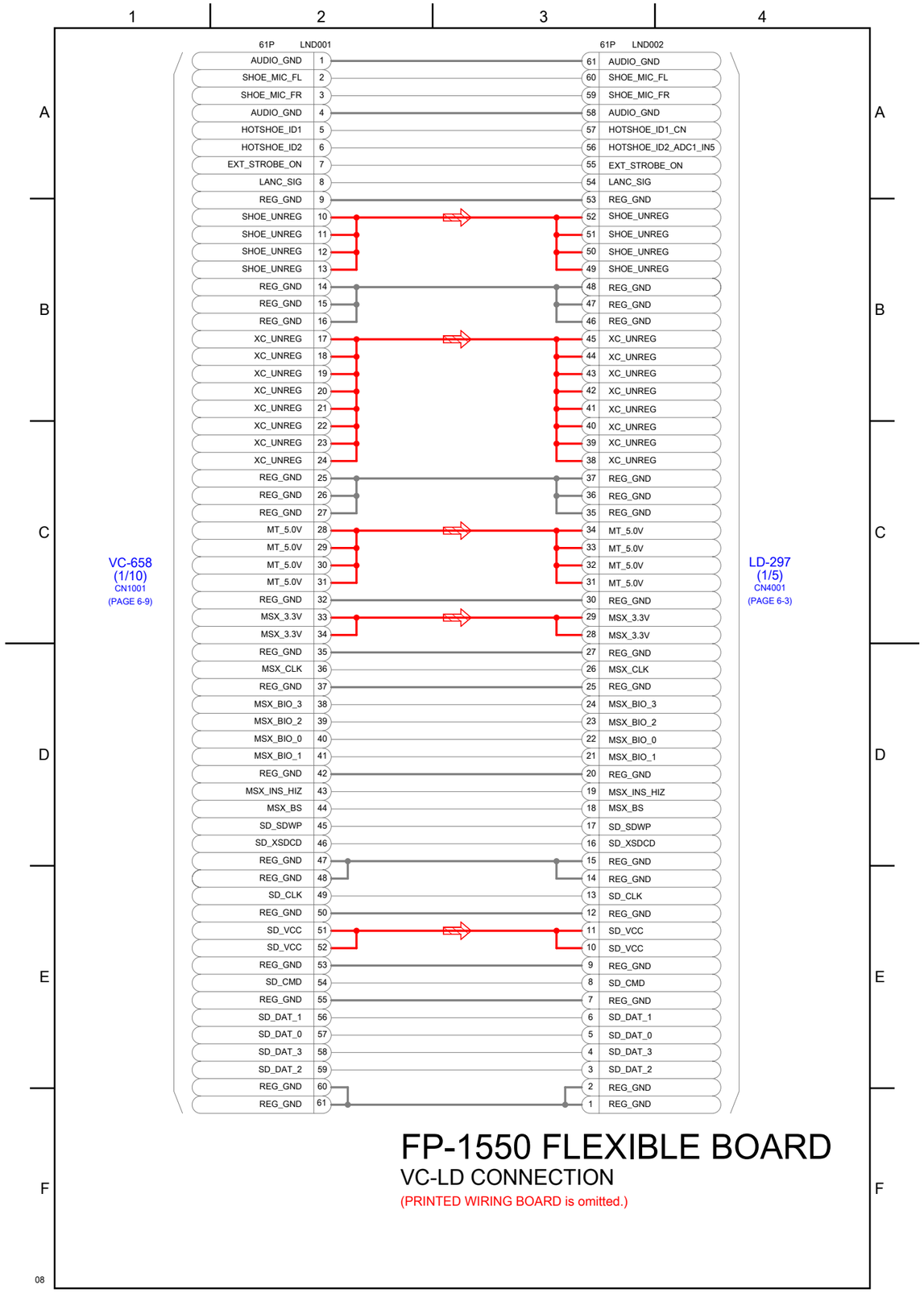
FP-1554 FLEXIBLE BOARD

PANEL OPEN/CLOSE DETECT



FP-1555 FLEXIBLE BOARD

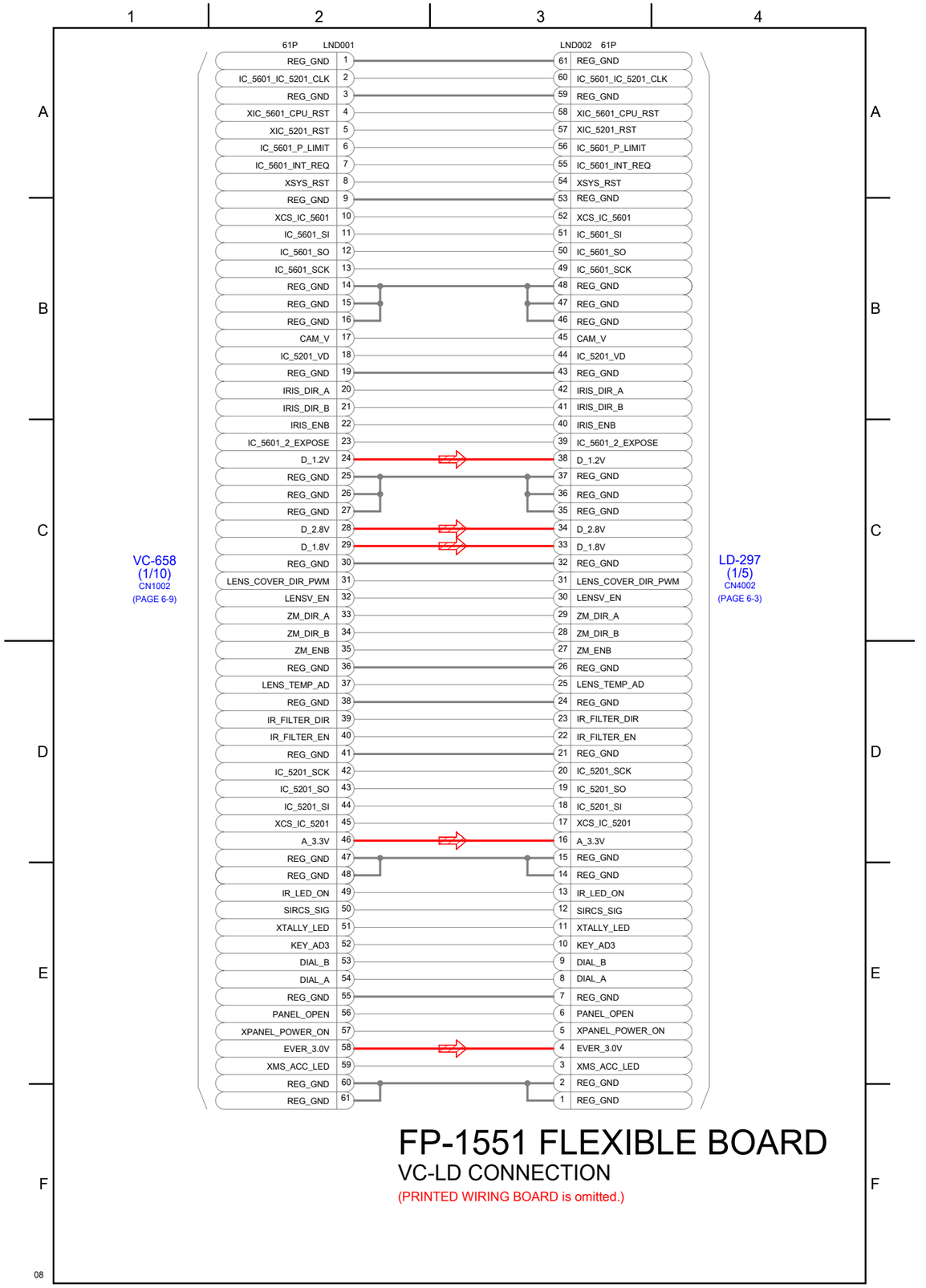
LED FLASH



FP-1550 FLEXIBLE BOARD

VC-LD CONNECTION

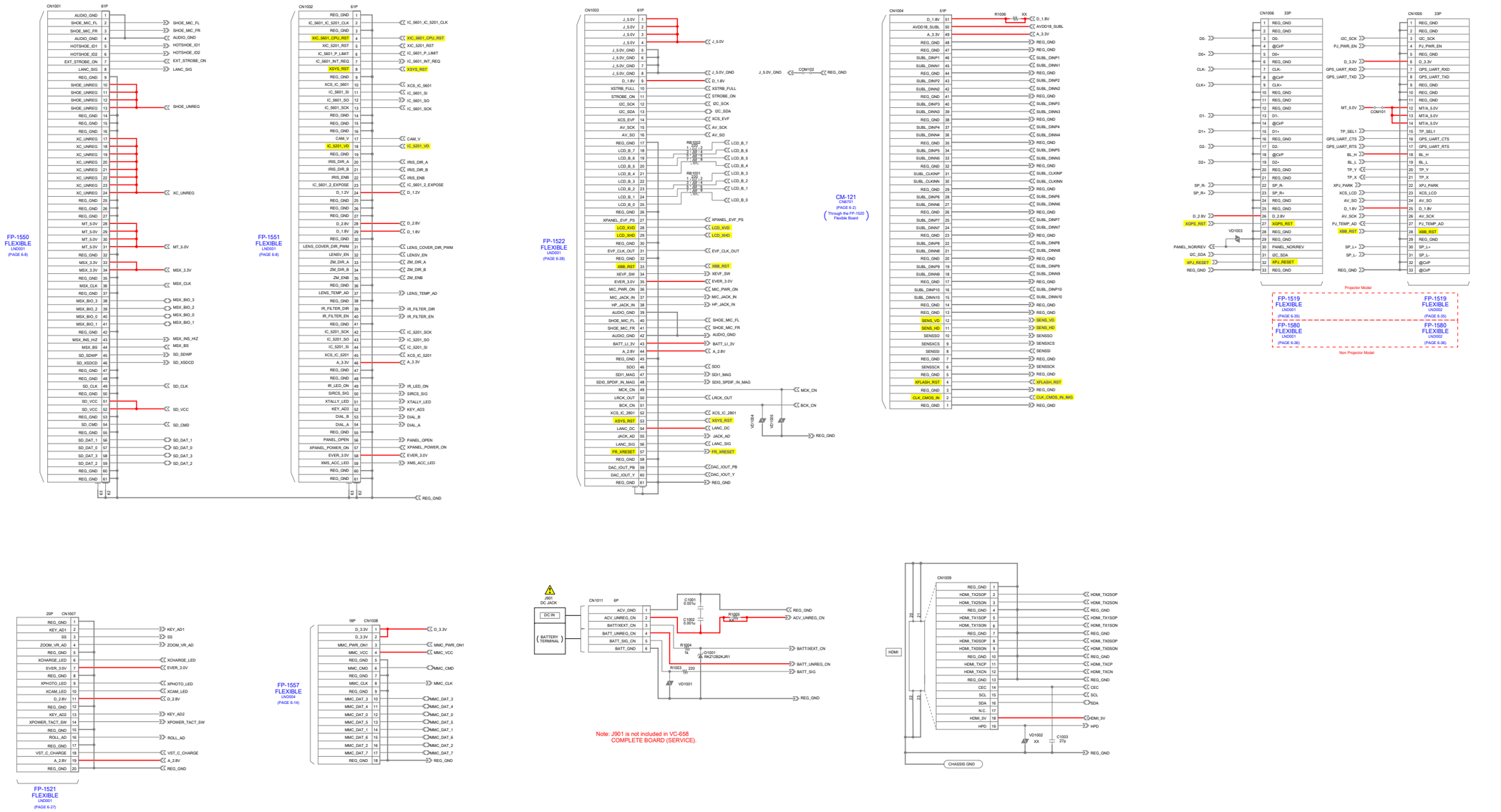
(PRINTED WIRING BOARD is omitted.)



FP-1551 FLEXIBLE BOARD

VC-LD CONNECTION

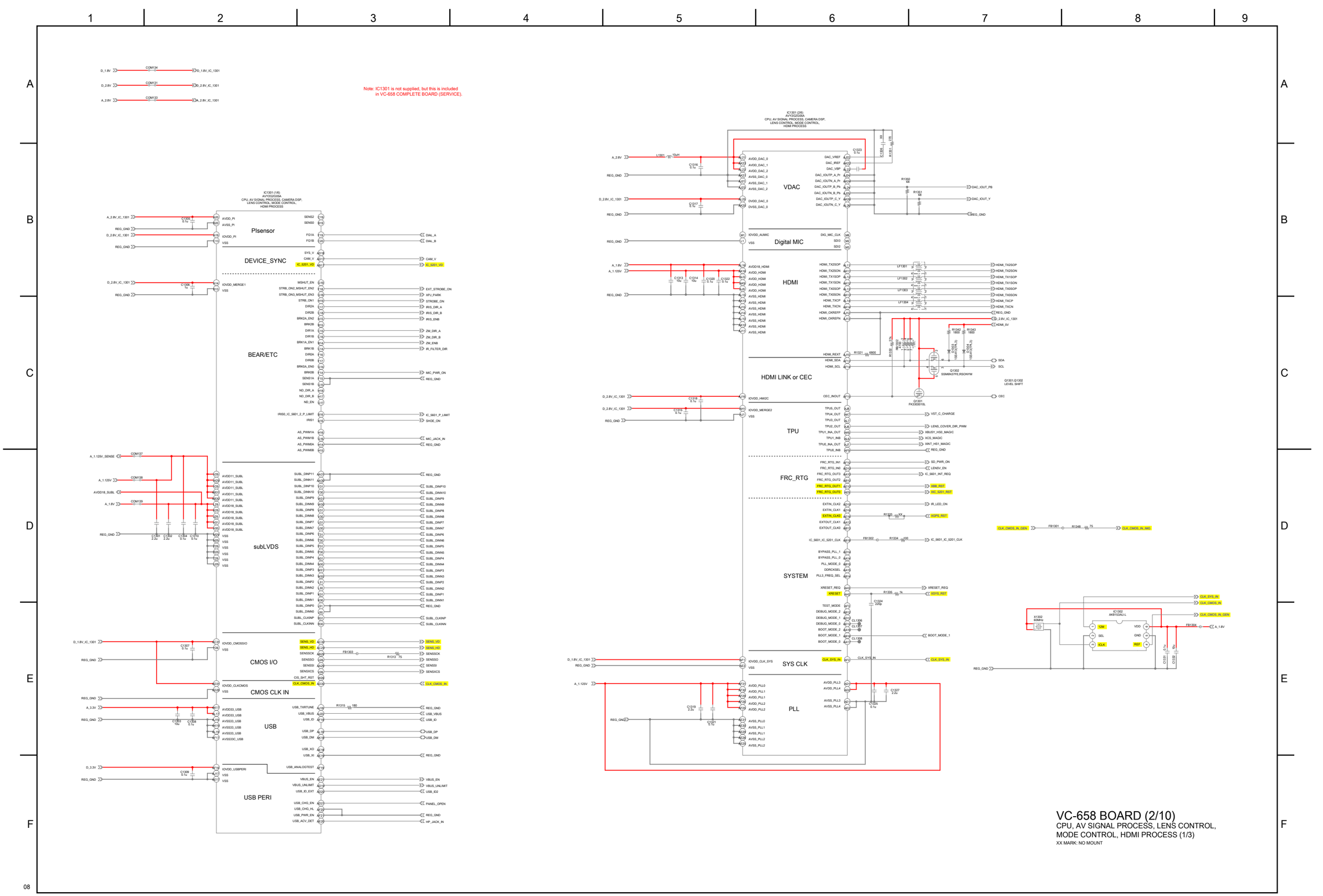
(PRINTED WIRING BOARD is omitted.)



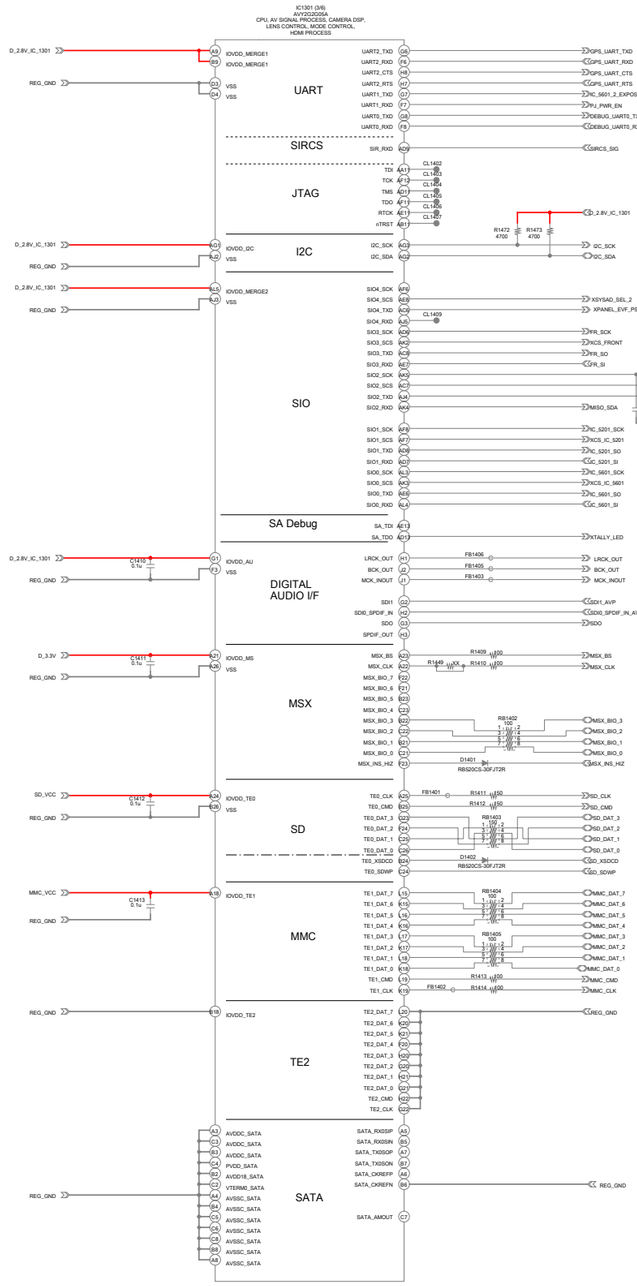
VC-658 BOARD (1/10)

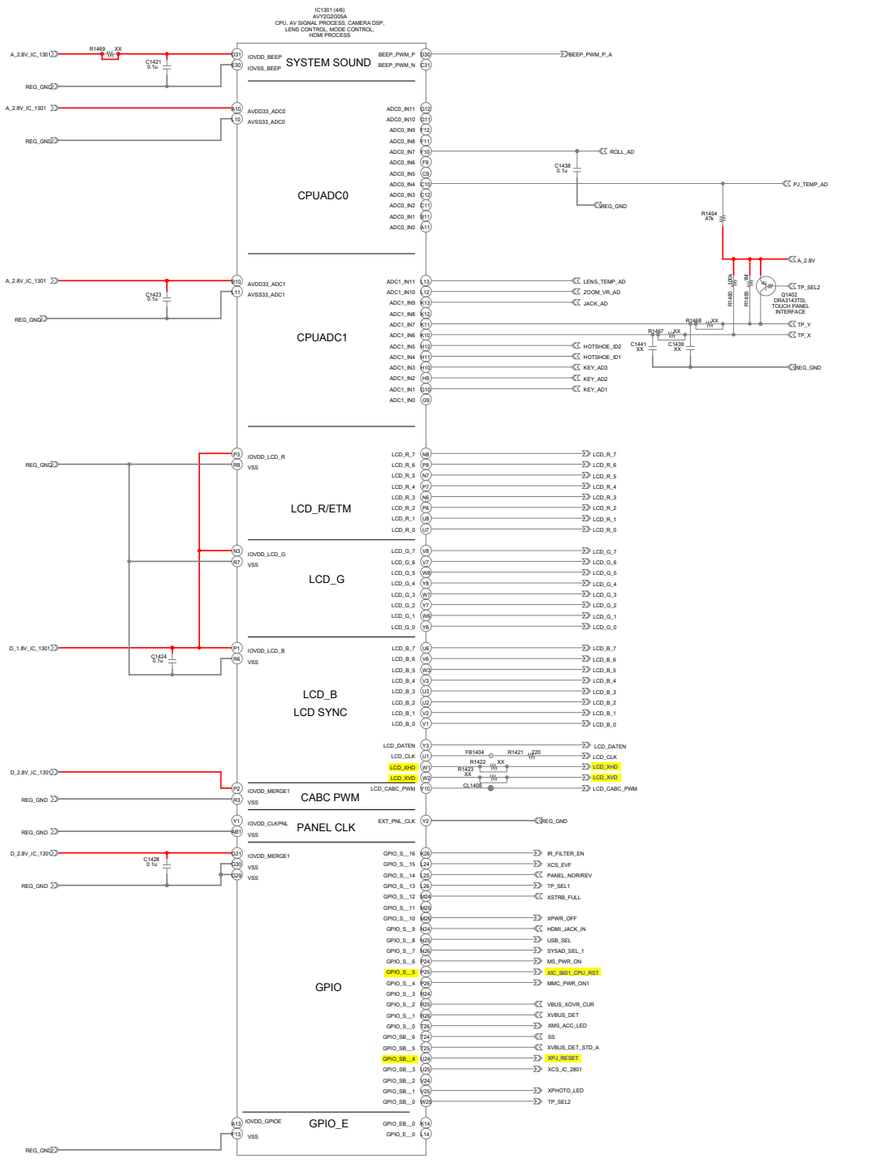
CONNECTORS

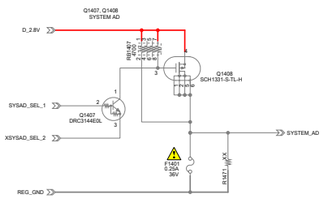
XX MARK: NO MOUNT

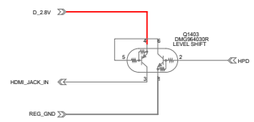

Note: IC1301 is not supplied, but this is included in VC-658 COMPLETE BOARD (SERVICE).
IC1301 (1/6)
AVY22G05A
CPU, AV SIGNAL PROCESS, CAMERA DSP, LENS CONTROL, MODE CONTROL, HDMI PROCESS
PIsensor
DEVICE_SYNC
BEAR/ETC
subLVDS
CMOS I/O
CMOS CLK IN
USB
USB PERI
IC1301 (2/6)
AVY22G05A
CPU, AV SIGNAL PROCESS, CAMERA DSP, LENS CONTROL, MODE CONTROL, HDMI PROCESS
VDAC
Digital MIC
HDMI
HDMI LINK or CEC
TPU
FRC_RTG
SYSTEM
SYS CLK
PLL
IC1302
AK8153AU-L
VC-658 BOARD (2/10)
CPU, AV SIGNAL PROCESS, LENS CONTROL, MODE CONTROL, HDMI PROCESS (1/3)
XX MARK: NO MOUNT

Note: IC1301 is not supplied, but this is included in VC-658 COMPLETE BOARD (SERVICE).







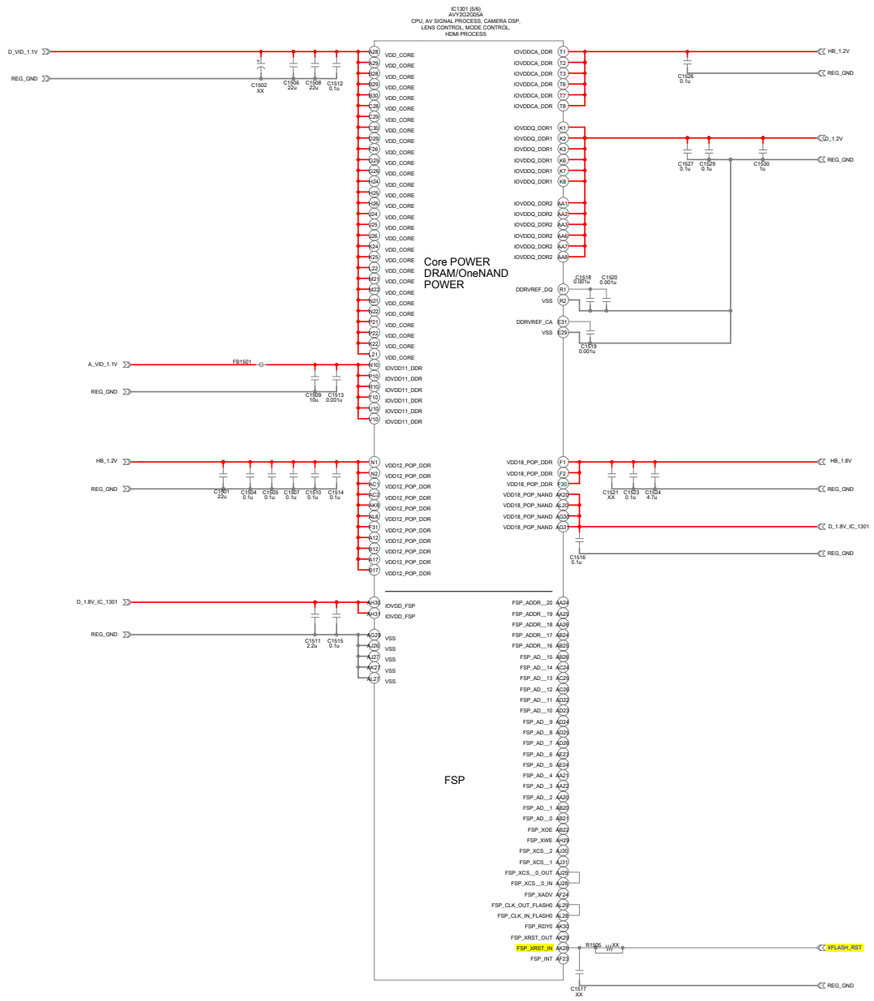


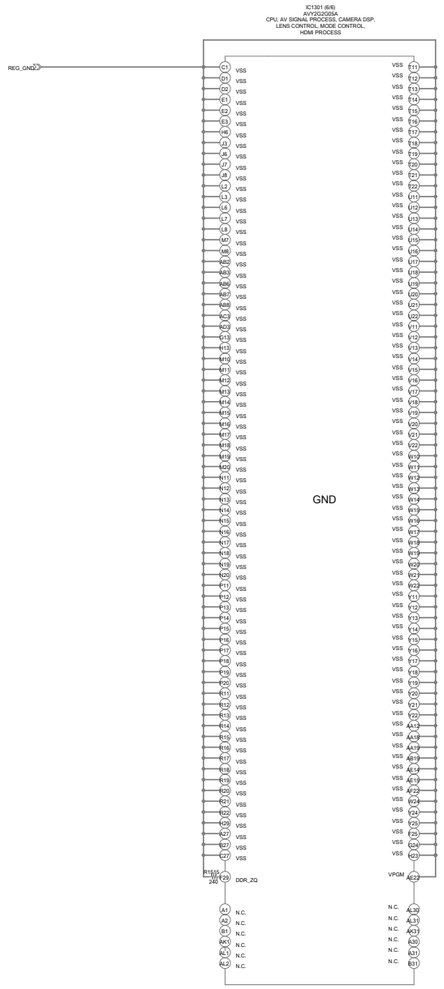
VC-658 BOARD (3/10)

CPU, AV SIGNAL PROCESS, LENS CONTROL, MODE CONTROL, HDMI PROCESS (2/3)

XX MARK: NO MOUNT

Note: IC1301 is not supplied, but this is included
in VC-658 COMPLETE BOARD (SERVICE).

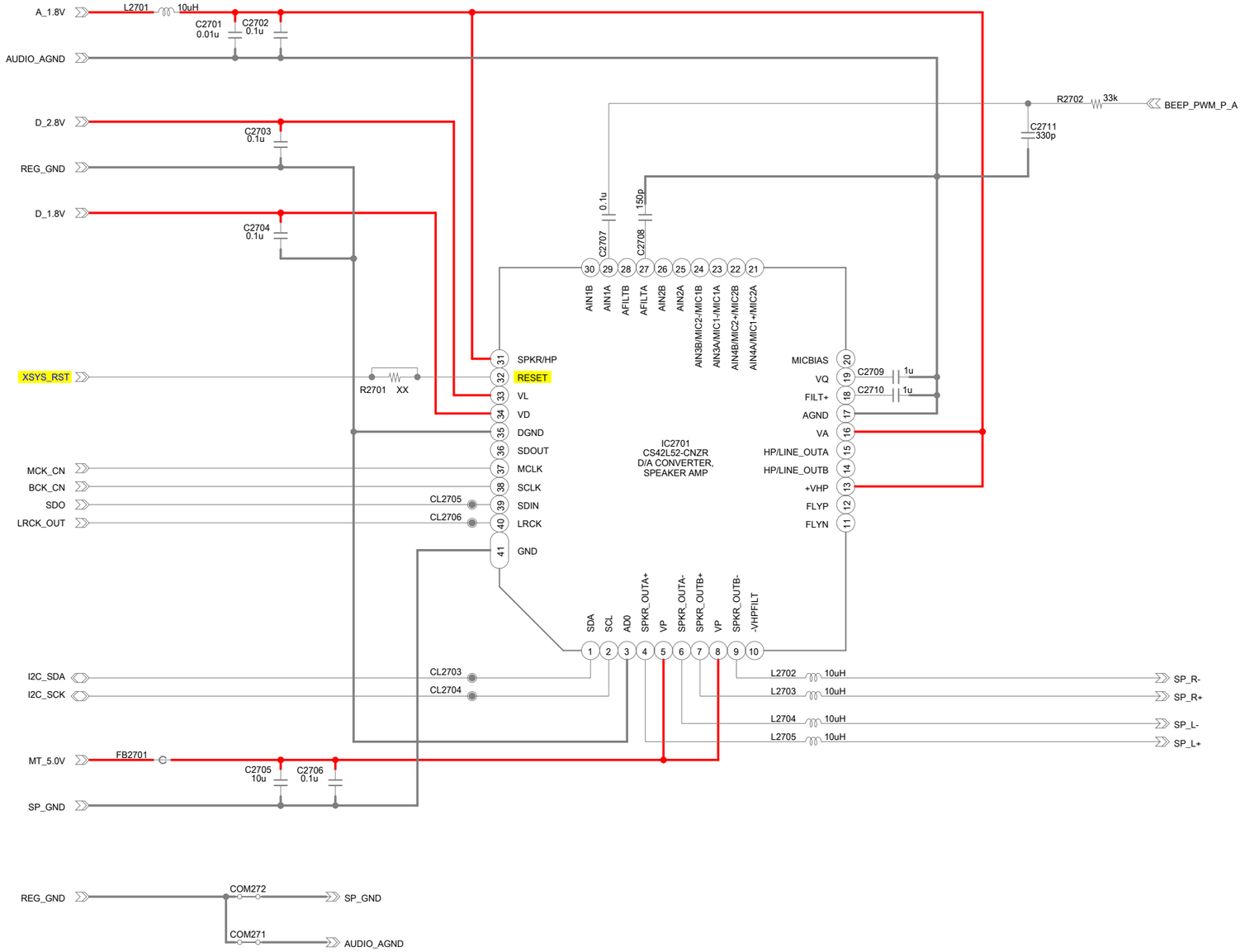




VC-658 BOARD (4/10)

CPU, AV SIGNAL PROCESS, LENS CONTROL,
MODE CONTROL, HDMI PROCESS (3/3)

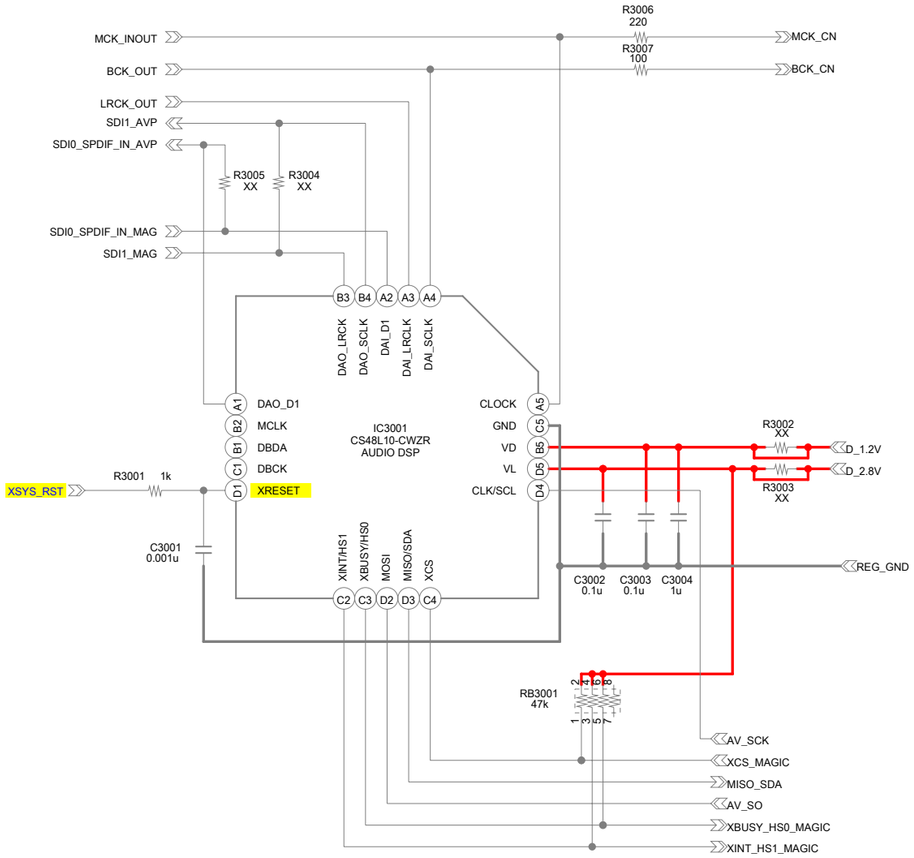
XX MARK: NO MOUNT



VC-658 BOARD (5/10)

SPEAKER AMP

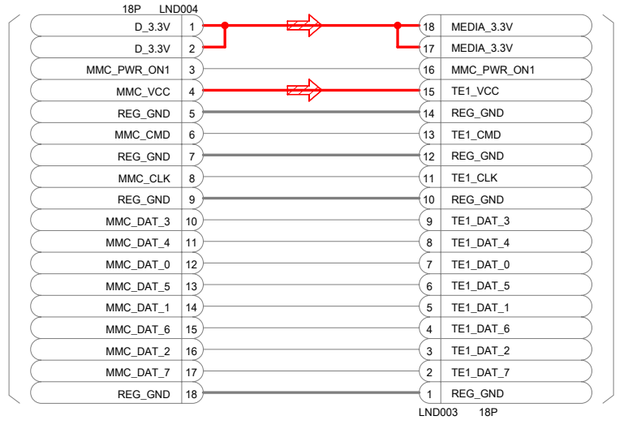
XX MARK: NO MOUNT



VC-658 BOARD (6/10)

AUDIO DSP

XX MARK: NO MOUNT



VC-658
(1/10)
CN1008
(PAGE 6-9)

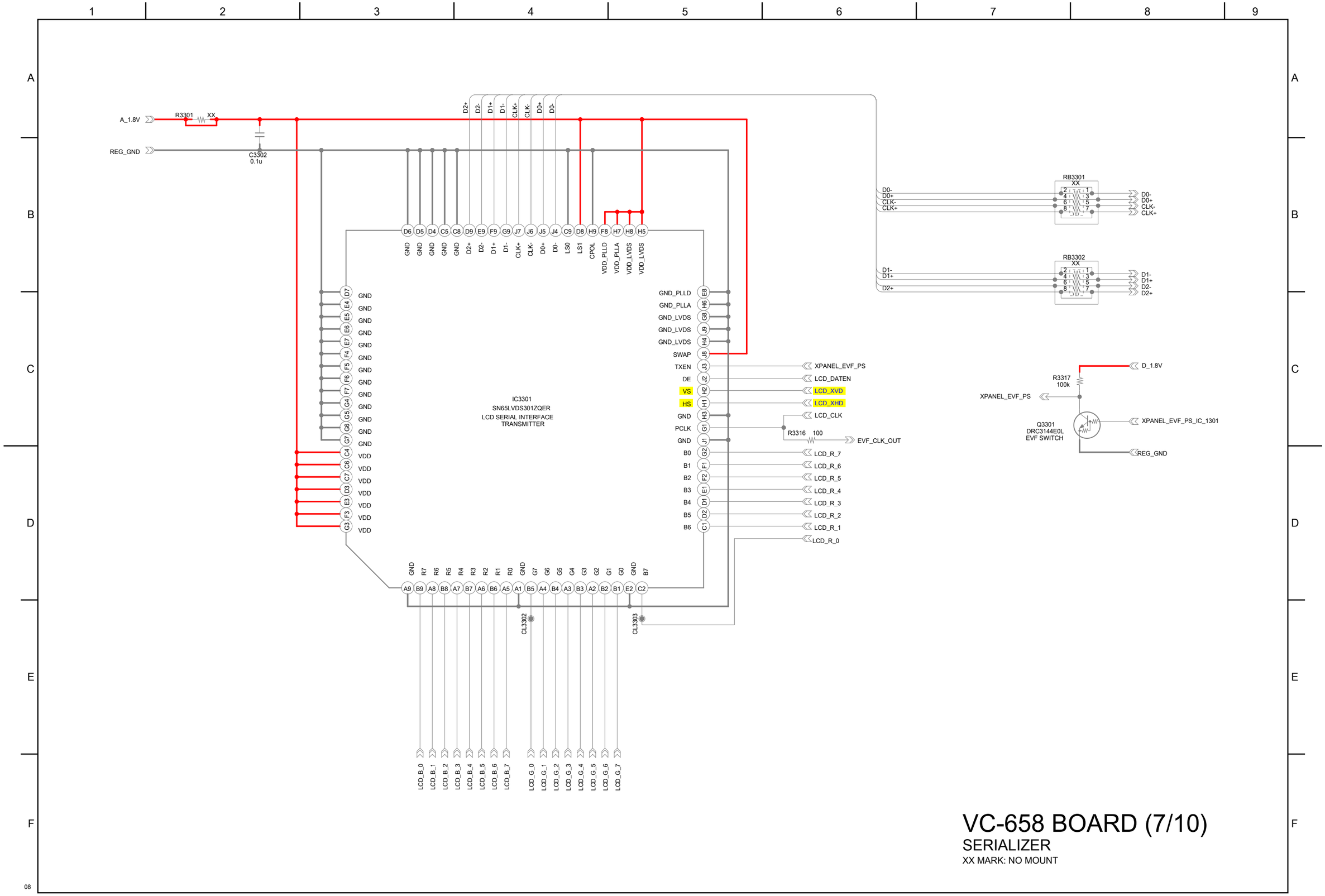
MM-102
(1/2)
CN8101
(PAGE 6-19)

FP-1557 FLEXIBLE BOARD

(EXCEPT CX730E)

VC-MM CONECTION

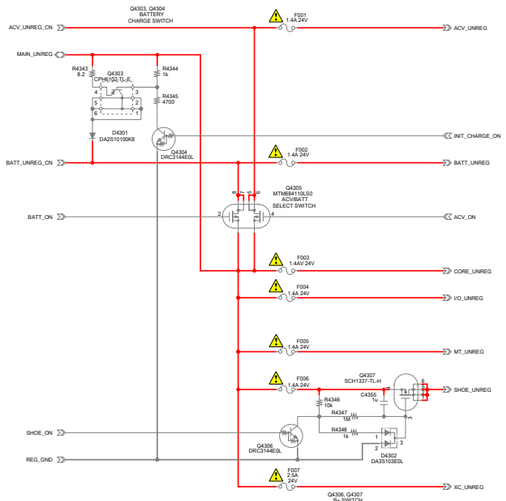
(PRINTED WIRING BOARD is omitted.)

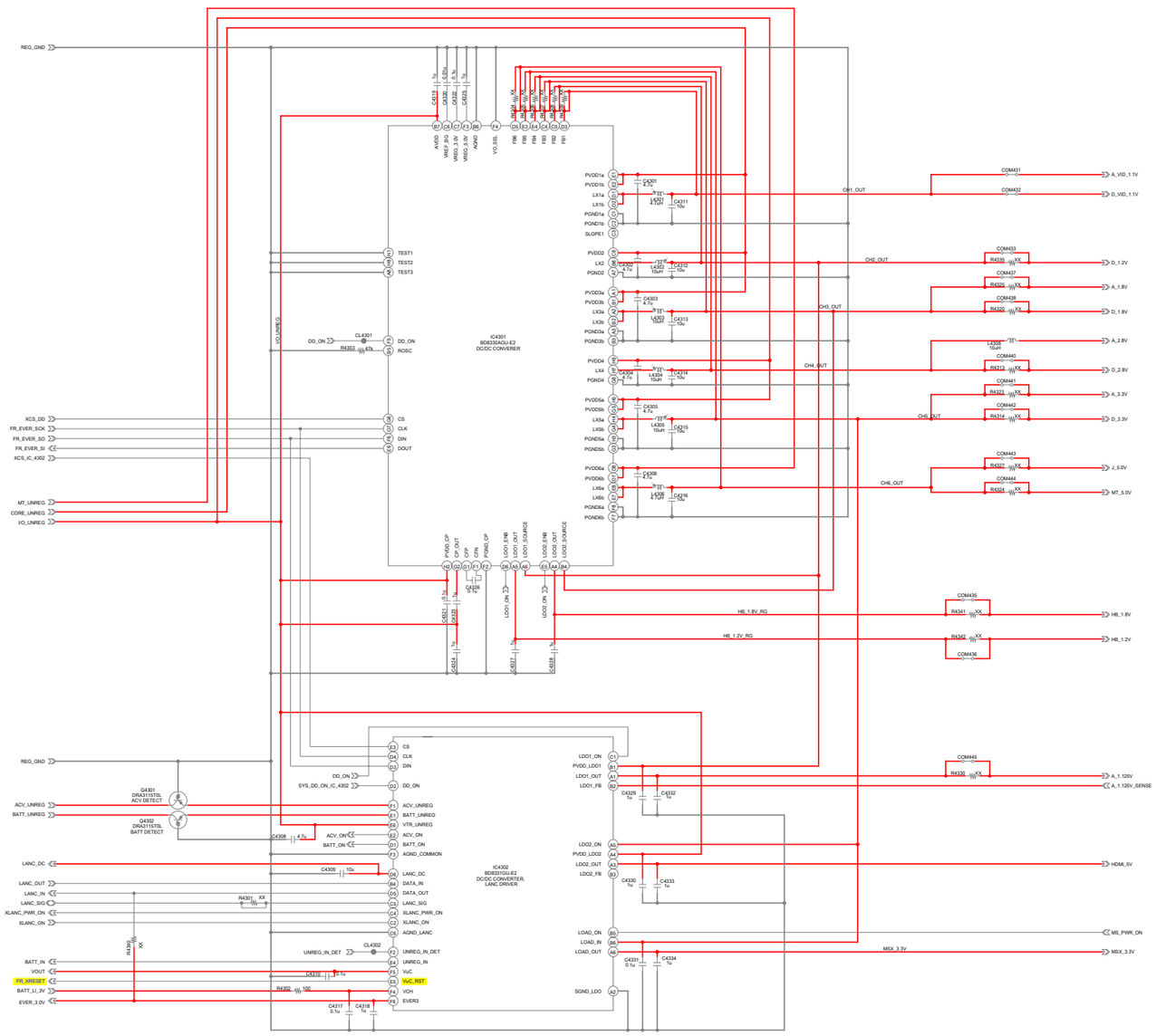

A_1.8V
R3301
XX
C3302
0.1u
REG_GND
D2+ D2- D1+ D1- CLK+ CLK- D0+ D0-
D6 D5 D4 C5 C8 D9 E9 F9 G9 J7 J6 J5 J4 C9 D8 H9 F8 H7 H8 H5
GND GND GND GND GND D2+ D2- D1+ D1- CLK+ CLK- D0+ D0- LS0 LS1 CPOL VDD_PLLD VDD_PLLA VDD_LVDS VDD_LVDS
D7 E4 E5 E6 E7 F4 F5 F6 F7 G4 G5 G6 G7 C4 C6 C7 D3 E3 F3 G3
GND GND GND GND GND GND GND GND GND GND GND GND GND GND GND VDD VDD VDD VDD VDD VDD VDD
E8 H6 G8 J9 H4 J8 J3 J2 H2 H1 H3 G1 J1 G2 F1 F2 E1 D1 D2 C1
GND_PLLD GND_PLLA GND_LVDS GND_LVDS GND_LVDS SWAP TXEN DE VS HS GND PCLK GND B0 B1 B2 B3 B4 B5 B6
IC3301
SN65LVDS301ZQER
LCD SERIAL INTERFACE
TRANSMITTER
XPANEL_EVF_PS
LCD_DATEN
LCD_XVD
LCD_XHD
LCD_CLK
R3316 100
EVF_CLK_OUT
LCD_R_7
LCD_R_6
LCD_R_5
LCD_R_4
LCD_R_3
LCD_R_2
LCD_R_1
LCD_R_0
RB3301
XX
D0-
D0+
CLK-
CLK+
RB3302
XX
D1-
D1+
D2-
D2+
D_1.8V
R3317
100k
XPANEL_EVF_PS
Q3301
DRC3144E0L
EVF SWITCH
XPANEL_EVF_PS_IC_1301
REG_GND
GND R7 R6 R5 R4 R3 R2 R1 R0 GND G7 G6 G5 G4 G3 G2 G1 G0 GND B7
A9 B9 A8 B8 A7 B7 A6 B6 A5 A1 B5 A4 B4 A3 B3 A2 B2 B1 E2 C2
CL3302
CL3303
LCD_B_0 LCD_B_1 LCD_B_2 LCD_B_3 LCD_B_4 LCD_B_5 LCD_B_6 LCD_B_7
LCD_G_0 LCD_G_1 LCD_G_2 LCD_G_3 LCD_G_4 LCD_G_5 LCD_G_6 LCD_G_7

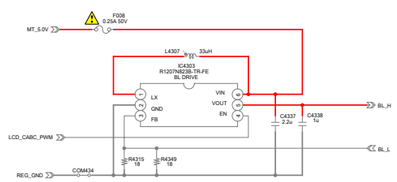
VC-658 BOARD (7/10)

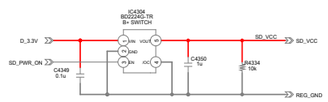
SERIALIZER

XX MARK: NO MOUNT

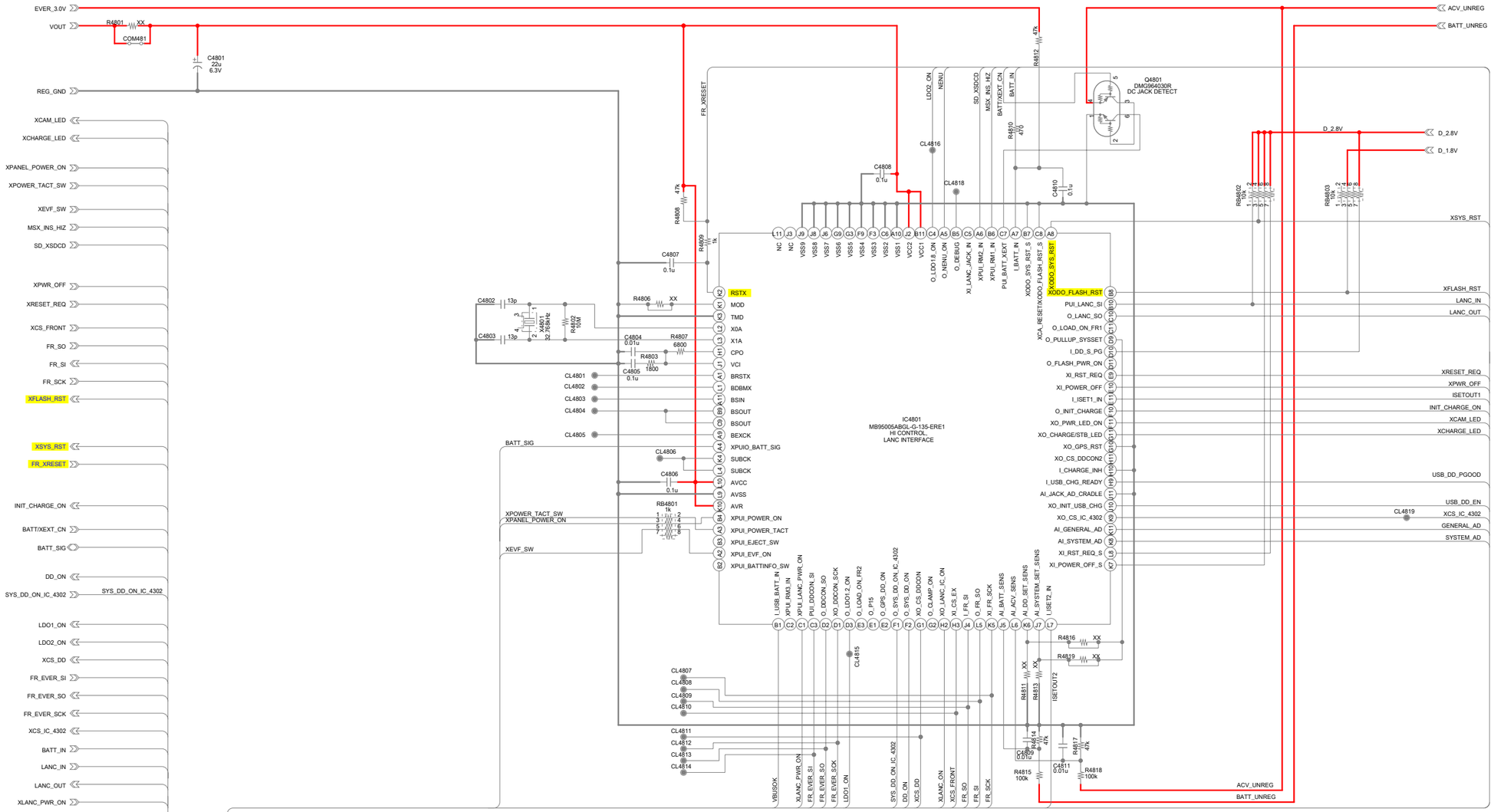








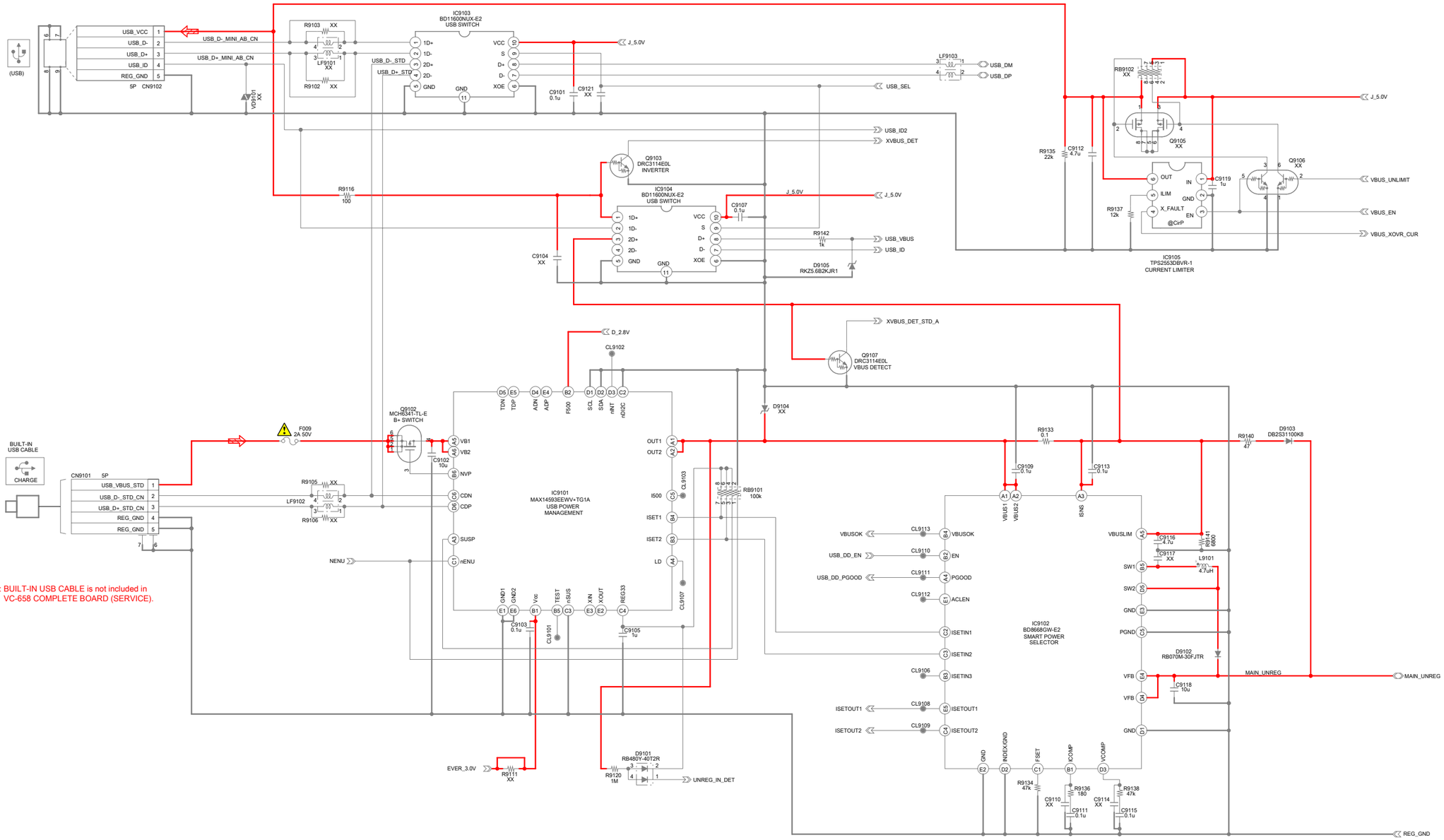
VC-658 BOARD (8/10)
DC/DC CONVERTER
XX MARK: NO MOUNT



VC-658 BOARD (9/10)

HI CONTROL

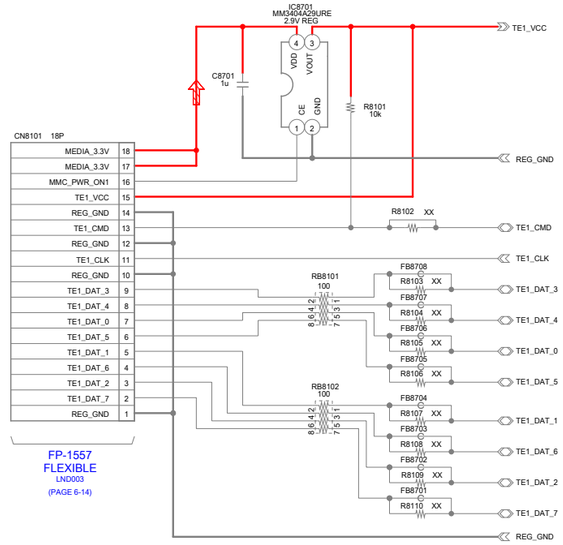
XX MARK: NO MOUNT

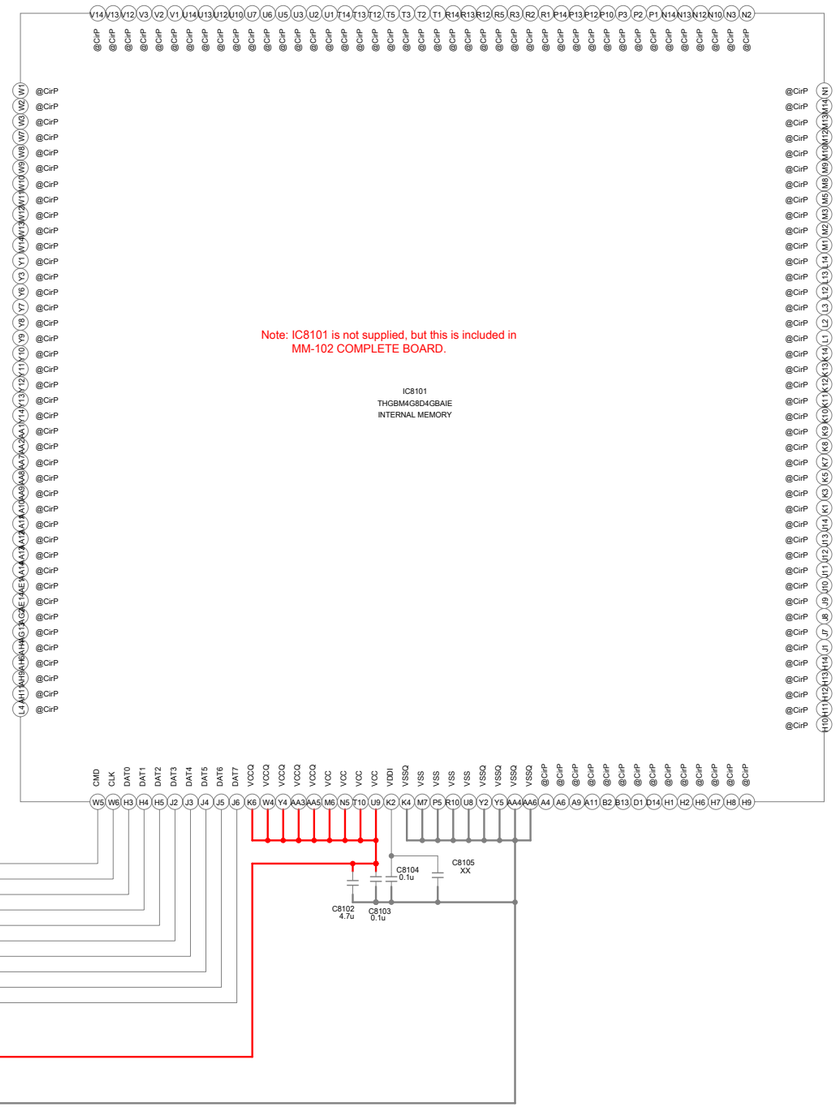


VC-658 BOARD (10/10)

USB INTERFACE

XX MARK: NO MOUNT



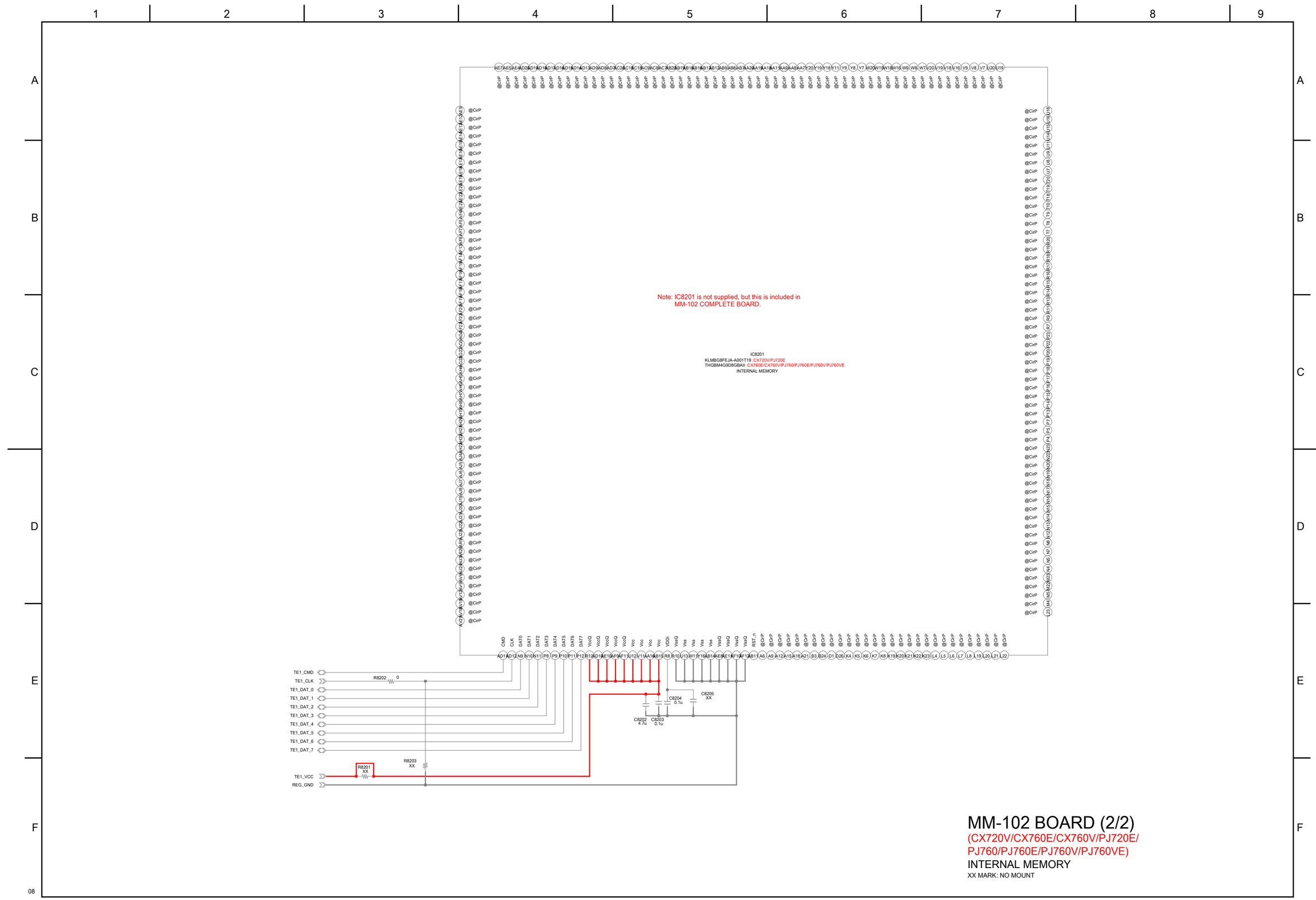


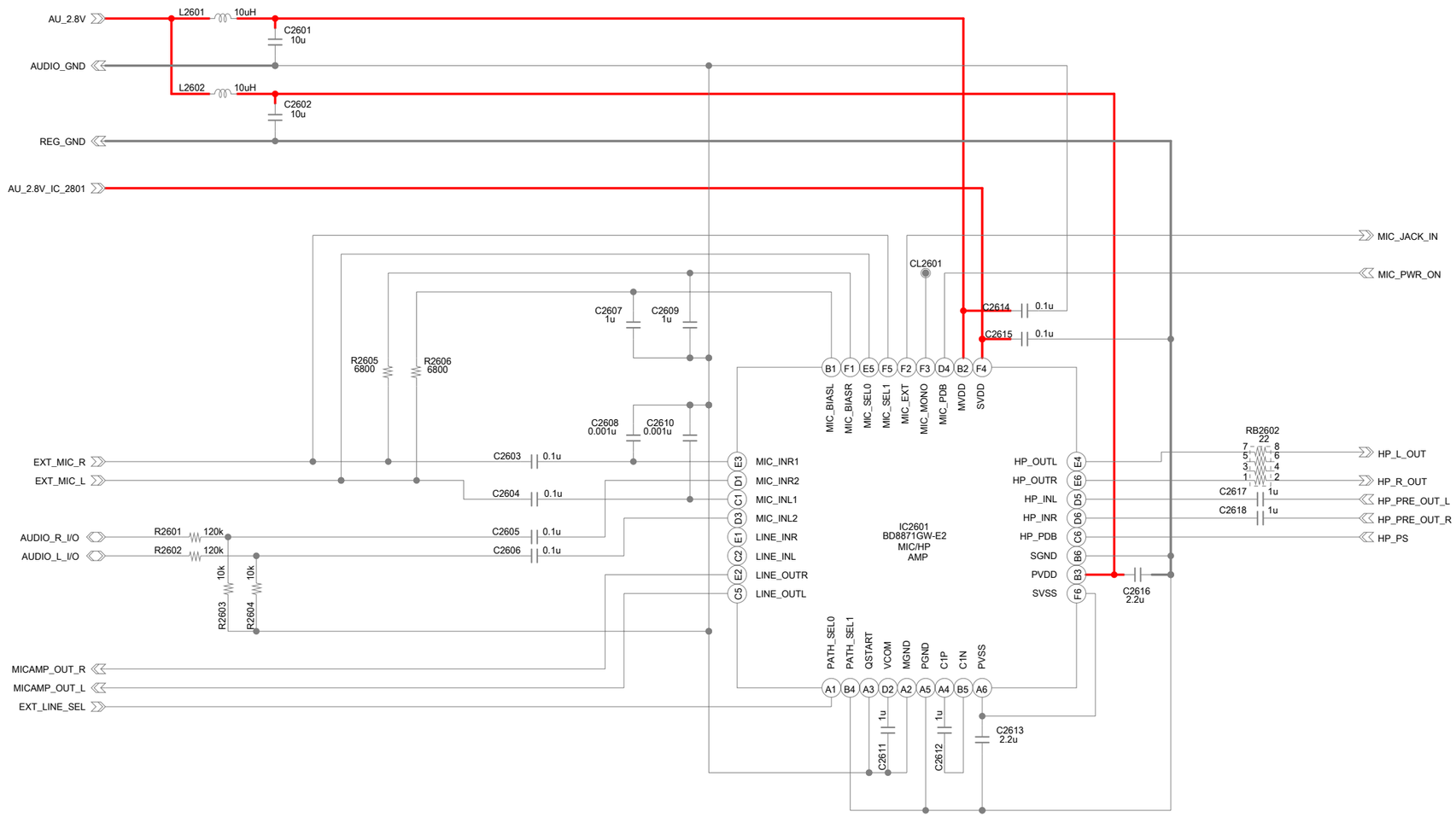
MM-102 BOARD (1/2)

(EXCEPT CX730E)

INTERNAL MEMORY

XX MARK: NO MOUNT

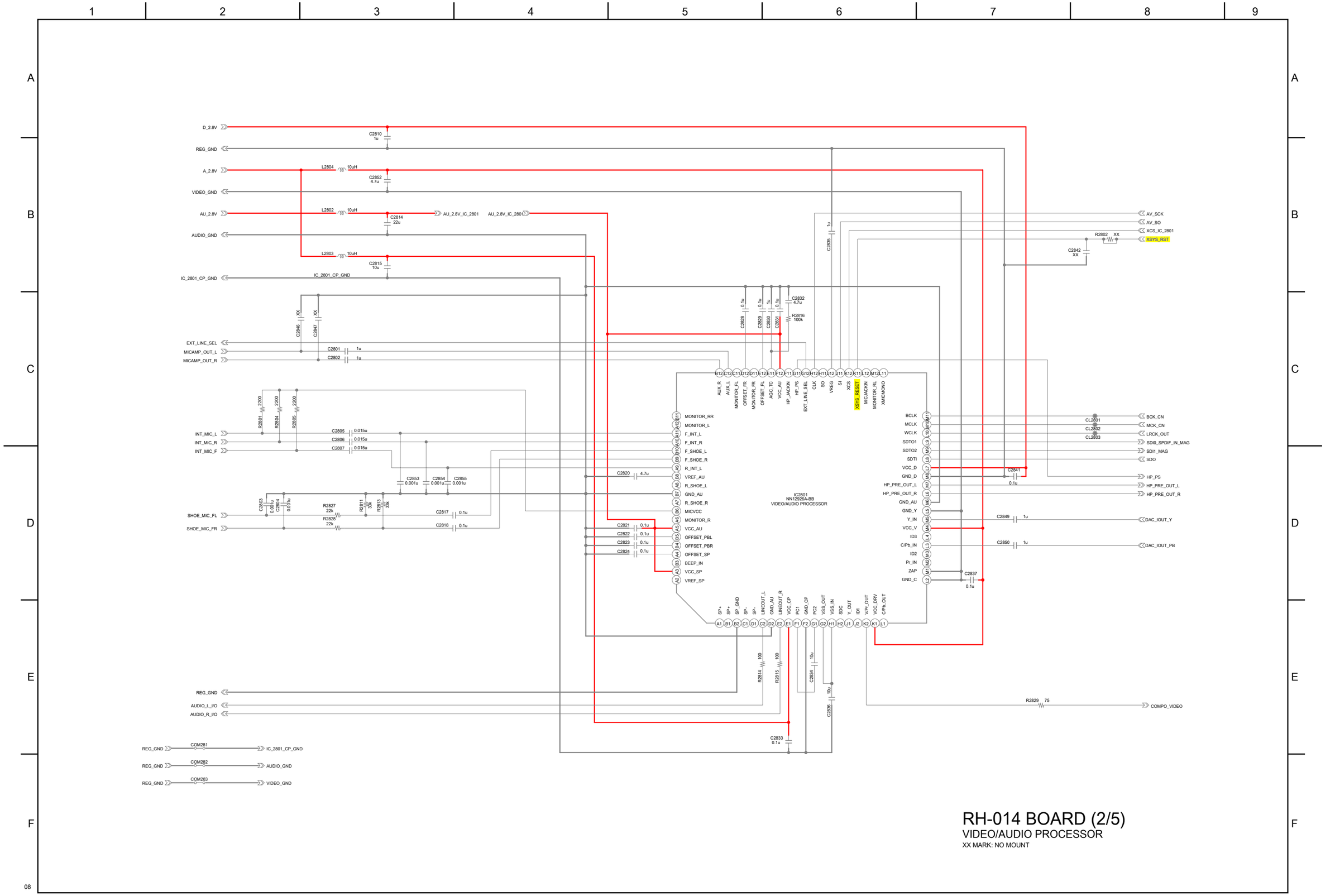

Note: IC8201 is not supplied, but this is included in
MM-102 COMPLETE BOARD.
IC8201
KLMBG8FEJA-A001T19 :CX720V/PJ720E
THGBM4G9D8GBAII :CX760E/CX760V/PJ760/PJ760E/PJ760V/PJ760VE
INTERNAL MEMORY
TE1_CMD
TE1_CLK
TE1_DAT_0
TE1_DAT_1
TE1_DAT_2
TE1_DAT_3
TE1_DAT_4
TE1_DAT_5
TE1_DAT_6
TE1_DAT_7
TE1_VCC
REG_GND
R8202 0
R8201 XX
R8203 XX
C8202 4.7u
C8203 0.1u
C8204 0.1u
C8205 XX
MM-102 BOARD (2/2)
(CX720V/CX760E/CX760V/PJ720E/
PJ760/PJ760E/PJ760V/PJ760VE)
INTERNAL MEMORY
XX MARK: NO MOUNT



RH-014 BOARD (1/5)

MIC/HP AMP

XX MARK: NO MOUNT

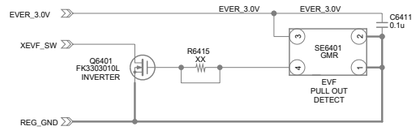


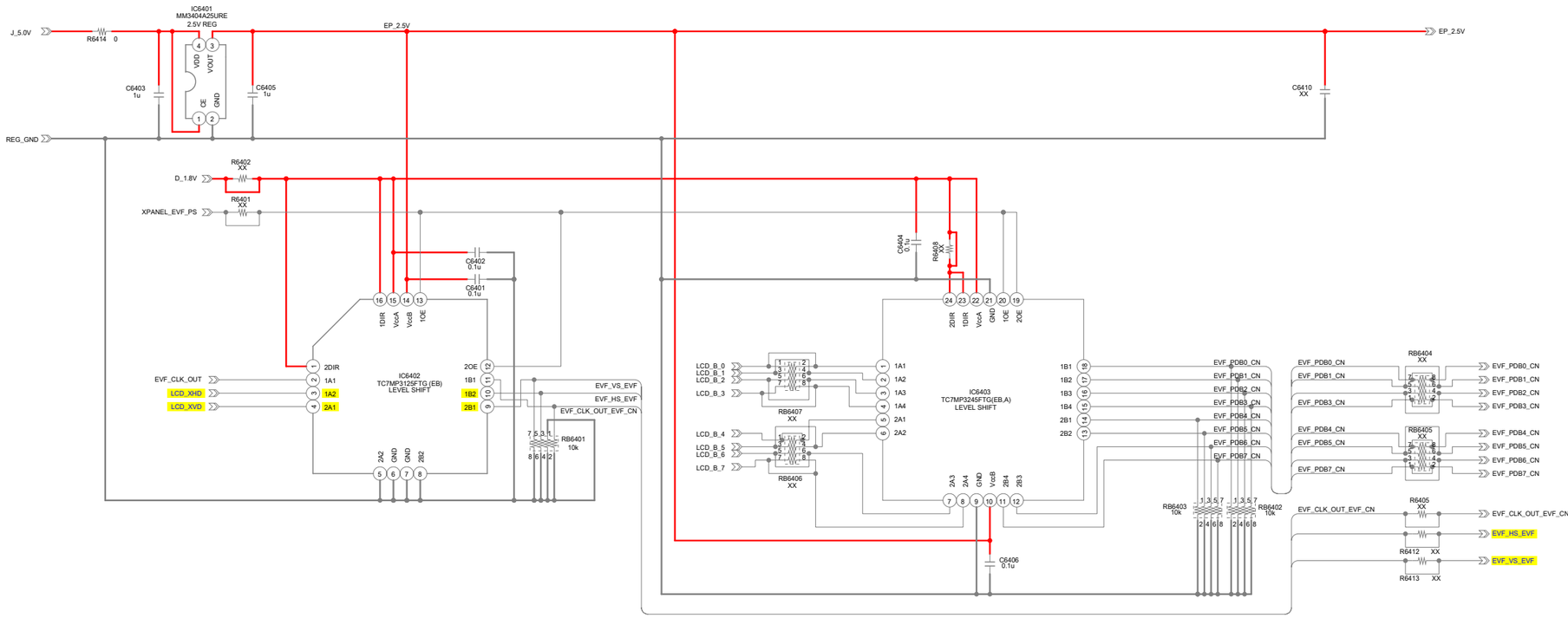
RH-014 BOARD (2/5)

VIDEO/AUDIO PROCESSOR

XX MARK: NO MOUNT

Note: IC6401 is not supplied, but this is included in RH-014 COMPLETE BOARD.



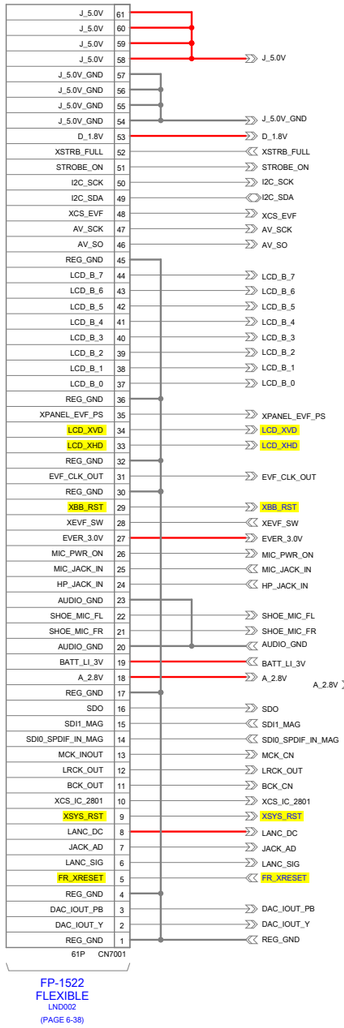


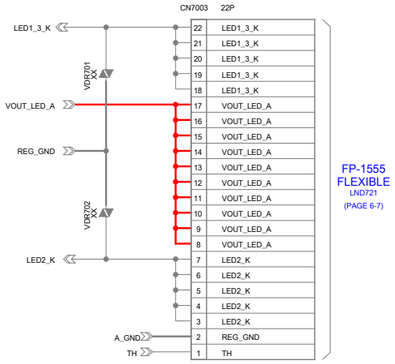
RH-014 BOARD (3/5)

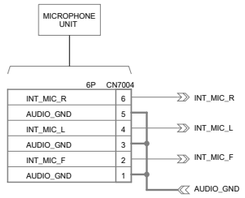
(EVF Model)

LEVEL SHIFT

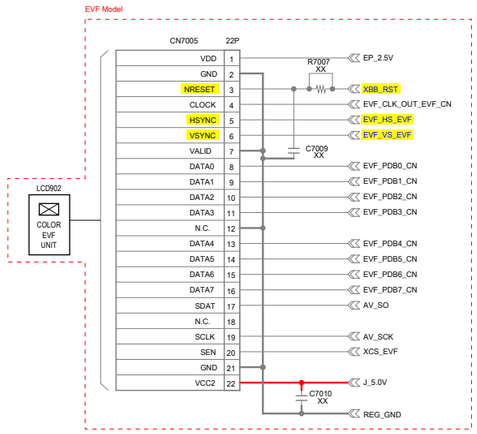
XX MARK: NO MOUNT

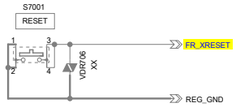


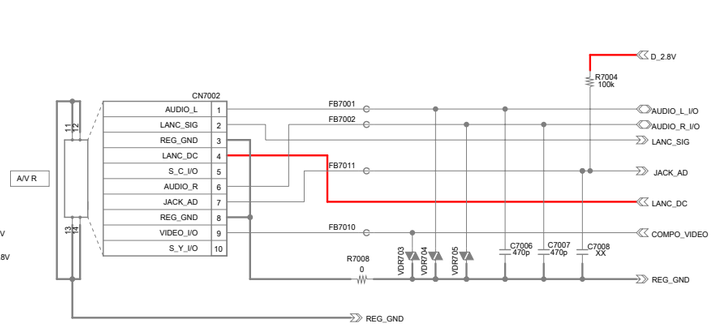


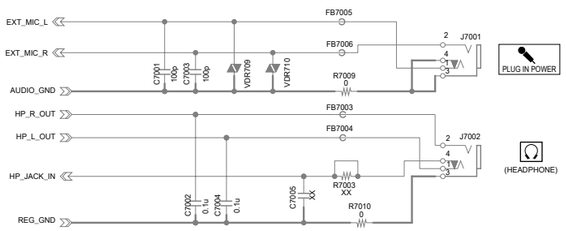


Note: MICROPHONE UNIT and EVF BLOCK are not included in RH-014 COMPLETE BOARD.

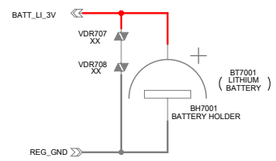








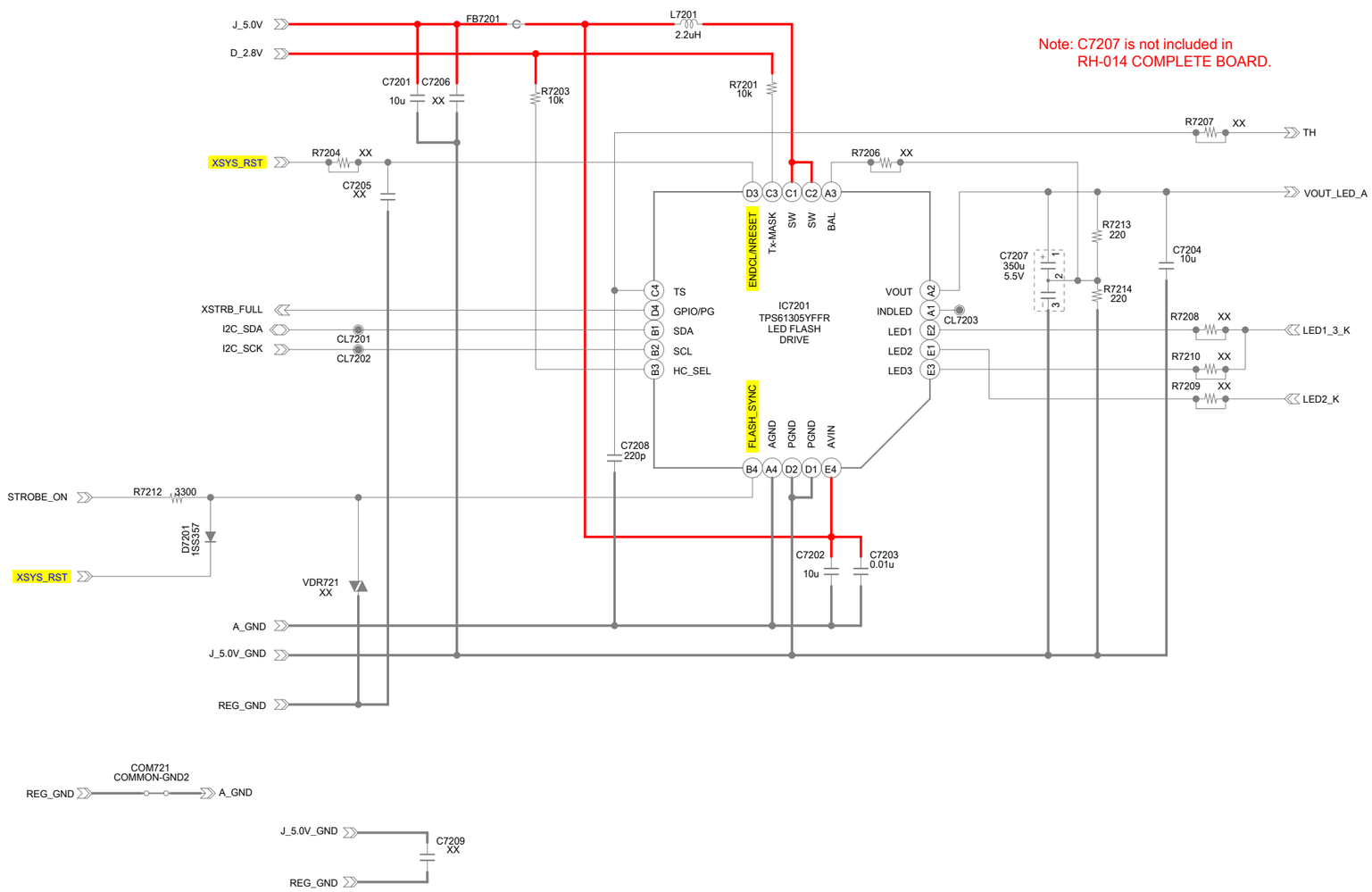
Note: BT7001 is not included in RH-014 COMPLETE BOARD.



RH-014 BOARD (4/5)

CONNECTORS

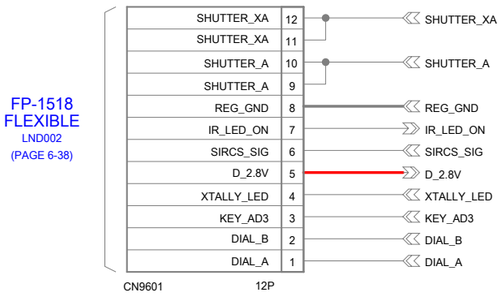
XX MARK: NO MOUNT

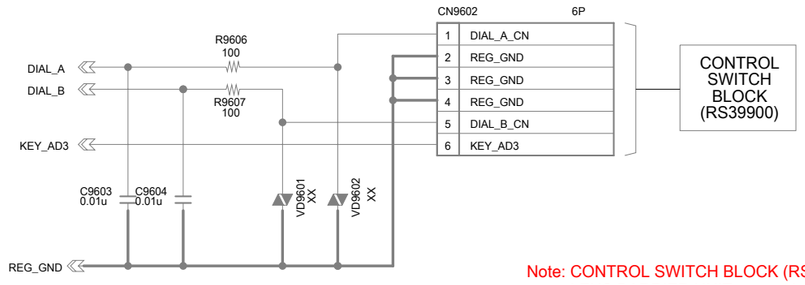


RH-014 BOARD (5/5)

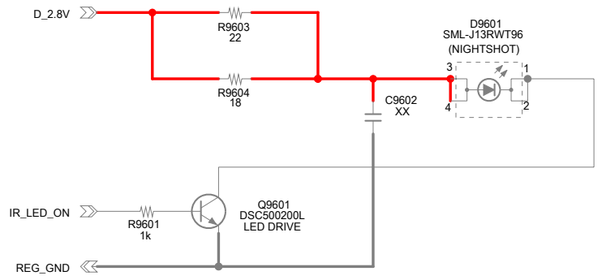
LED FLASH DRIVE

XX MARK: NO MOUNT

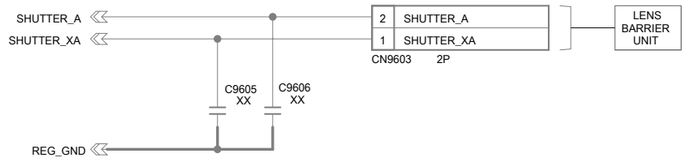


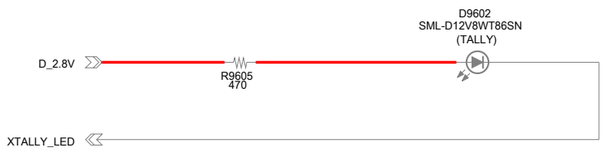


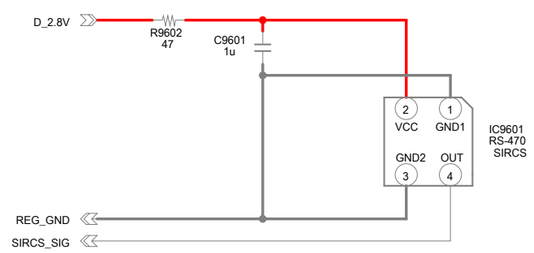
Note: CONTROL SWITCH BLOCK (RS39900) and LENS BARRIER UNIT are not included in FR-319 COMPLETE BOARD.



Note: Q9601 is not supplied, but this is included in FR-319 COMPLETE BOARD.



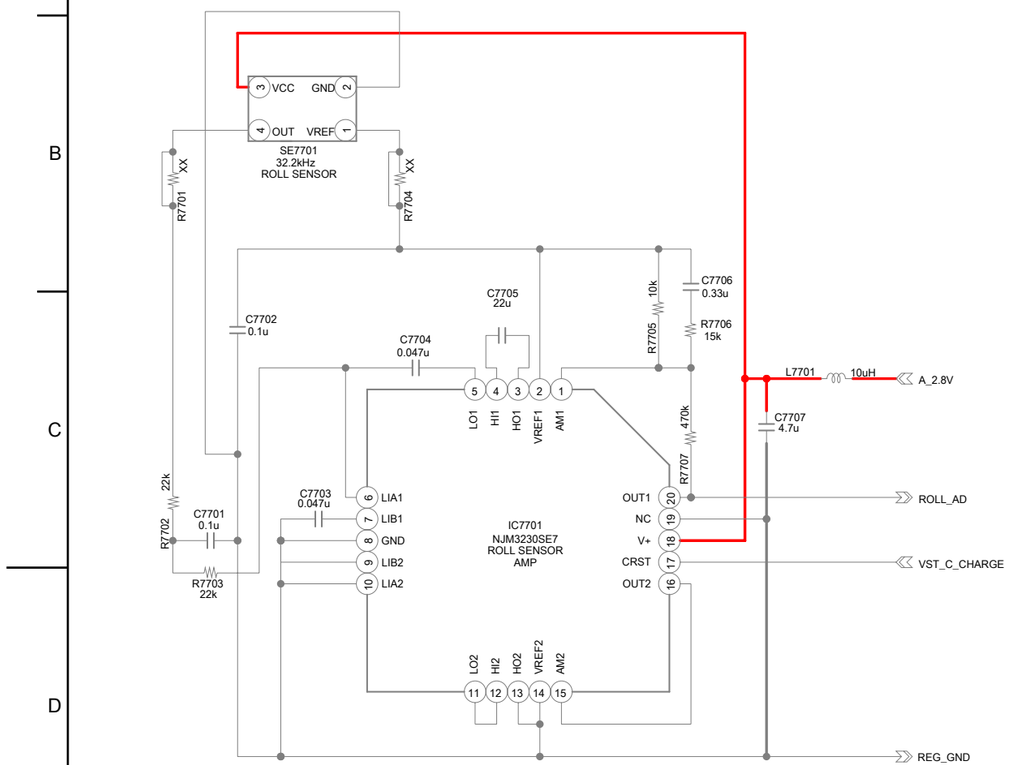




FR-319 BOARD

FRONT CABINET SECTION

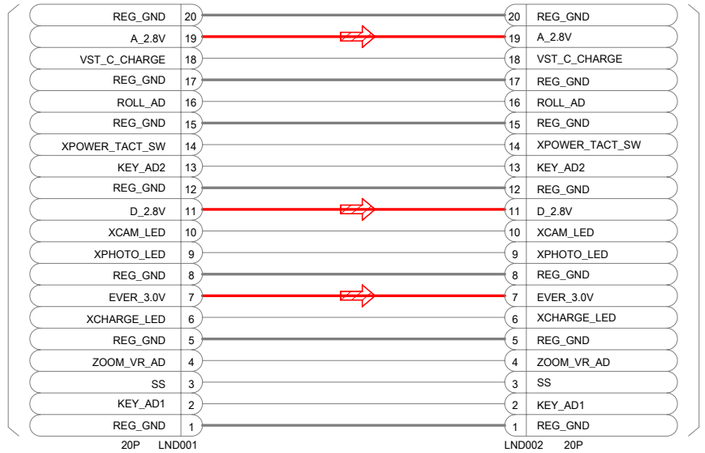
XX MARK: NO MOUNT



CK-244 BOARD (1/2)

ROLL SENSOR

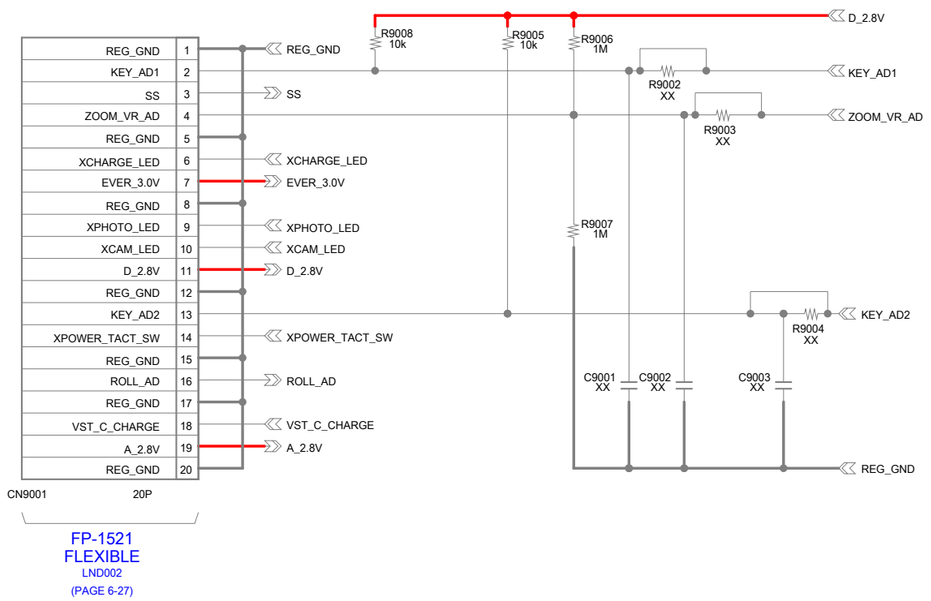
XX MARK: NO MOUNT



FP-1521 FLEXIBLE BOARD

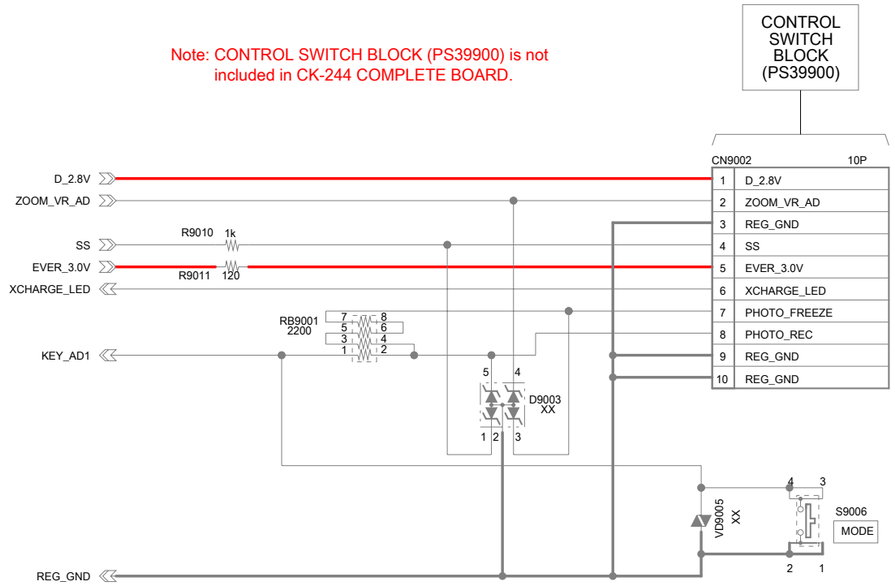
VC-CK CONNECTION

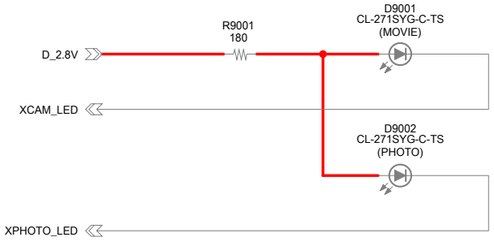
(PRINTED WIRING BOARD is omitted.)

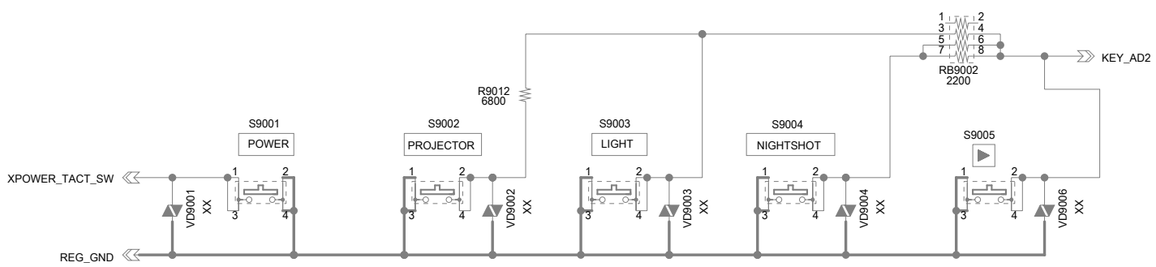


FP-1521
FLEXIBLE
LND002
(PAGE 6-27)

Note: CONTROL SWITCH BLOCK (PS39900) is not included in CK-244 COMPLETE BOARD.







CK-244 BOARD (2/2)

CONTROL KEYS

XX MARK: NO MOUNT

(Non Projector Model) (Projector Model)

FP-1580 FLEXIBLE LN0003 (PAGE 6-36)

FP-1519 FLEXIBLE LN0003 (PAGE 6-35)

CN6001 61P

REG_GND	61	
D0-	60	D0-
N.C	59	
D0+	58	D0+
REG_GND	57	
CLK-	56	CLK-
N.C	55	
CLK+	54	CLK+
REG_GND	53	
REG_GND	52	
REG_GND	51	
D1-	50	D1-
N.C	49	
D1+	48	D1+
REG_GND	47	
D2-	46	D2-
N.C	45	
D2+	44	D2+
REG_GND	43	
REG_GND	42	
SP_R-	41	SP_R-
SP_R+	40	SP_R+
REG_GND	39	
REG_GND	38	
D_2.8V	37	EP_2.8V
XGPS_RST	36	XGPS_RST
REG_GND	35	
REG_GND	34	
PANEL_NOR/REV	33	PANEL_NOR/REV
I2C_SDA	32	
XPJ_RESET	31	
REG_GND	30	
I2C_SCK	29	
PJ_PWR_EN	28	PJ_PWR_EN
REG_GND	27	
D_3.3V	26	D_3.3V
GPS_UART_RXD	25	GPS_UART_RXD
GPS_UART_TXD	24	GPS_UART_TXD
REG_GND	23	
REG_GND	22	
REG_GND	21	
A_5.0V	20	A_5.0V
A_5.0V	19	
A_5.0V	18	
TP_SEL1	17	TP_SEL1
GPS_UART_CTS	16	GPS_UART_CTS
GPS_UART_RTS	15	GPS_UART_RTS
BL_H	14	BL_H
BL_L	13	BL_L
TP_Y	12	TP_Y
TP_X	11	TP_X
XPJ_PARK	10	XPJ_PARK
XCS_LCD	9	XCS_LCD
AV_SO	8	AV_SO
A_1.8V	7	A_1.8V
AV_SCK	6	AV_SCK
PJ_TEMP_AD	5	PJ_TEMP_AD
XBB_RST	4	XBB_RST
REG_GND	3	
SP_L+	2	SP_L+
SP_L-	1	SP_L-

R6002 XX I2C_SDA

R6006 XX XPJ_RESET

R6012 XX I2C_SCK

XX R6035 D_3.3V

XX R6034 GPS_UART_RXD / GPS_UART_TXD

XX R6033 TP_SEL1

XX R6032 GPS_UART_CTS / GPS_UART_RTS

LN6001 CH_GND REG_GND

Note: SP901 and SP902 are not included in PD-465 COMPLETE BOARD.

CN6004 2P

SP_L-	1	SP_L-
SP_L+	2	SP_L+

SP901 (SPEAKER (L))

CN6005 2P

SP_R-	1	SP_R-
SP_R+	2	SP_R+

SP902 (SPEAKER (R))

LCD901 (2/2) (LCD MODULE) TOUCH PANEL

CN6002

TP_L	1	TP_Y
TP_R	2	
N.C.	3	
TP_TOP	4	TP_X
TP_BOT	5	
N.C.	6	REG_GND

XX D6001

C6002 0.0047u C6003 0.0047u

Q6001, Q6002 TOUCH PANEL INTERFACE

Q6001 DMG9640N0R Q6002 DMG9640N0R

R6037 XX EP_2.8V TP_SEL1

EP_2.8V R6045 XX C6001 0.1u

PANEL_NOR/REV SE6001 GMR PANEL NORMAL/REVERSE DETECT (VDD GND OUT NC)

REG_GND

XPJ_PARK R6016 XX XPJ_PARK

PJ_PWR_EN R6017 XX PJ_PWR_EN

Projector Model

PJ-104 (1/4) CN8503 (PAGE 6-31)

REG_GND	CN6007		60P	REG_GND
	2	REG_GND	REG_GND 1	REG_GND
A_5.0V	4	A_5.0V	I2C_SDA 3	I2C_SDA
	6	A_5.0V	I2C_SCK 5	I2C_SCK
	8	A_5.0V	PJ_TEMP_AD 7	PJ_TEMP_AD
	10	A_5.0V	LCD_DATEN 9	LCD_DATEN
XPJ_RESET	12	XPJ_RESET	REG_GND 11	REG_GND
	14	@CirP	LCD_VD 13	LCD_VD
XPJ_PARK	16	XPJ_PARK	LCD_HD 15	LCD_HD
PJ_PWR_EN	18	PJ_PWR_EN	REG_GND 17	REG_GND
D_3.3V	20	D_3.3V	LCD_CK 19	LCD_CK
REG_GND	22	REG_GND	REG_GND 21	REG_GND
LCD_DR7	24	LCD_DR7	LCD_DB0 23	LCD_DB0
LCD_DR6	26	LCD_DR6	LCD_DB1 25	LCD_DB1
REG_GND	28	REG_GND	REG_GND 27	REG_GND
LCD_DR5	30	LCD_DR5	LCD_DB2 29	LCD_DB2
LCD_DR4	32	LCD_DR4	LCD_DB3 31	LCD_DB3
REG_GND	34	REG_GND	REG_GND 33	REG_GND
LCD_DR3	36	LCD_DR3	LCD_DB4 35	LCD_DB4
LCD_DR2	38	LCD_DR2	LCD_DB5 37	LCD_DB5
REG_GND	40	REG_GND	REG_GND 39	REG_GND
LCD_DG4	42	LCD_DG4	LCD_DB6 41	LCD_DB6
LCD_DG5	44	LCD_DG5	LCD_DB7 43	LCD_DB7
REG_GND	46	REG_GND	REG_GND 45	REG_GND
LCD_DG6	48	LCD_DG6	LCD_DG3 47	LCD_DG3
LCD_DG7	50	LCD_DG7	LCD_DG2 49	LCD_DG2
REG_GND	52	REG_GND	REG_GND 51	REG_GND
LCD_DR0	54	LCD_DR0	LCD_DG1 53	LCD_DG1
LCD_DR1	56	LCD_DR1	LCD_DG0 55	LCD_DG0
REG_GND	58	REG_GND	REG_GND 57	REG_GND
REG_GND	60	REG_GND	REG_GND 59	REG_GND

CN6003 61P

	1	NVDM(TEST-PIN)
XCS_LCD	2	XCS
AV_SO	3	SI
AV_SCK	4	XSCK
XBB_RST	5	XRST
	6	SO(TEST-PIN)
	7	VREF
	8	DVDD
	9	VSS
	10	VDD
	11	VGM
	12	VCOM-IN
	13	VCOM-DC
	14	VCOM-AC
	15	VBRT
	16	AVDCF1N
	17	AVDCN1P
	18	ADVCN2N
	19	AVDCN2P
	20	AVDD
	21	VSS
EP_2.8V	22	VDD
	23	PVDCFN
	24	PVDCFP
	25	PVDD
	26	NVDLCFP
	27	NVDLCFN
	28	NVDD
A_1.8V	29	VDDIO
	30	DE
LCD_VD	31	XVD
LCD_HD	32	XHD
LCD_CK	33	DCLK
LCD_DB0	34	DB0
LCD_DB1	35	DB1
LCD_DB2	36	DB2
LCD_DB3	37	DB3
LCD_DB4	38	DB4
LCD_DB5	39	DB5
LCD_DB6	40	DB6
LCD_DB7	41	DB7
LCD_DG0	42	DG0
LCD_DG1	43	DG1
LCD_DG2	44	DG2
LCD_DG3	45	DG3
LCD_DG4	46	DG4
LCD_DG5	47	DG5
LCD_DG6	48	DG6
LCD_DG7	49	DG7
LCD_DR0	50	DR0
LCD_DR1	51	DR1
LCD_DR2	52	DR2
LCD_DR3	53	DR3
LCD_DR4	54	DR4
LCD_DR5	55	DR5
LCD_DR6	56	DR6
LCD_DR7	57	DR7
REG_GND	58	GND
	59	N.C
BL_L	60	BL-
BL_H	61	BL+

R6042 1k, R6041 1k, R6043 1k, R6044 XX, C6034 XX

C6020 1u, C6021 0.47u, C6022 1u, C6029 4.7u, C6023 4.7u, C6030 1u, C6031 1u, C6024 4.7u, C6025 4.7u, C6032 1u, C6026 2.2u, C6033 1u, C6019 4.7u, C6027 1u

L6001 10uH, L6002 10uH

D6002 DB2S3T100K8

CL6004, CL6005, CL6006, CL6001, CL6007, CL6002, CL6008, CL6003, CL6009

R6040 XX

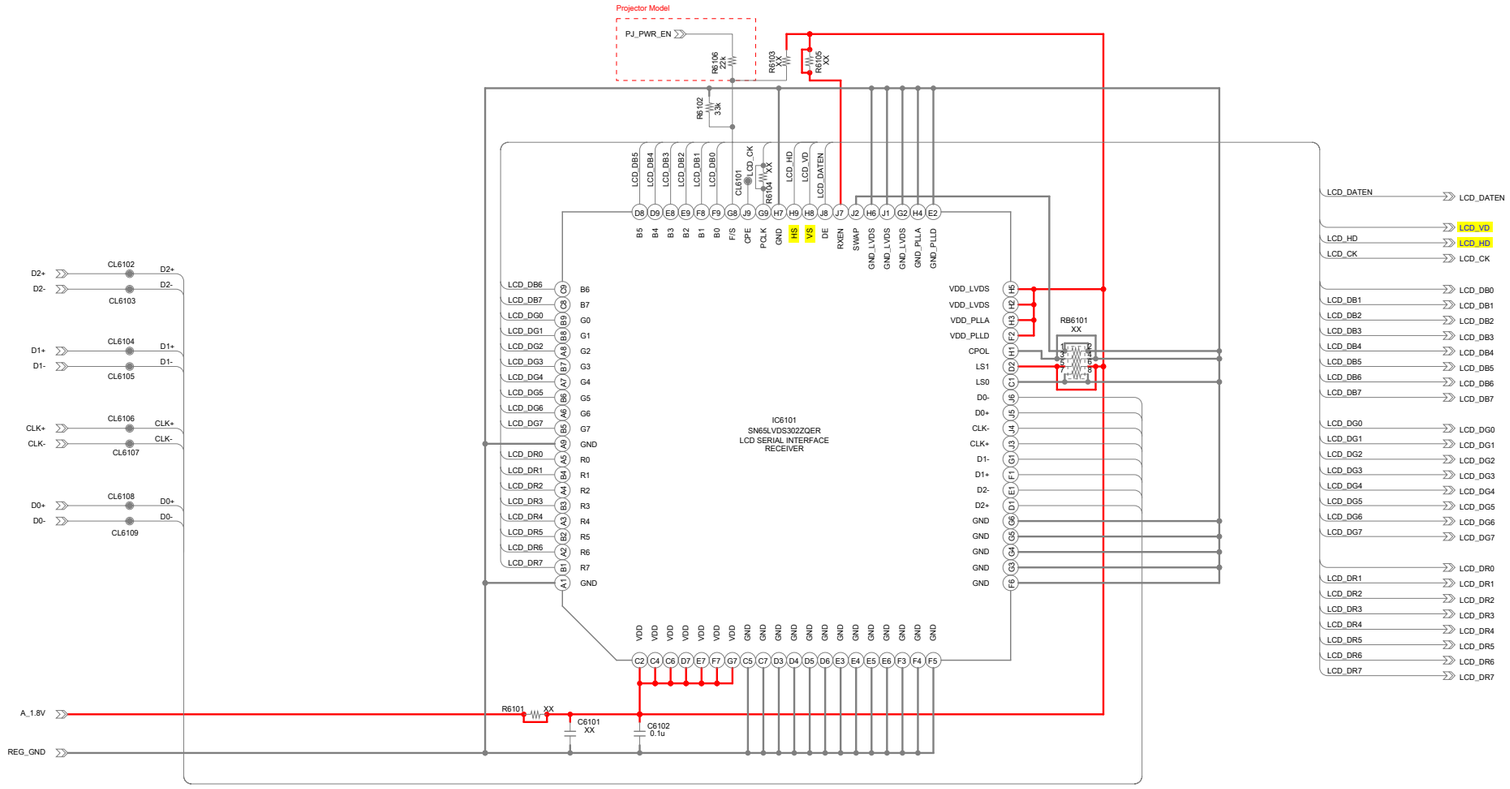
LCD901 (1/2) (LCD MODULE) 3.0 INCH WIDE COLOR LCD / LCD BACKLIGHT

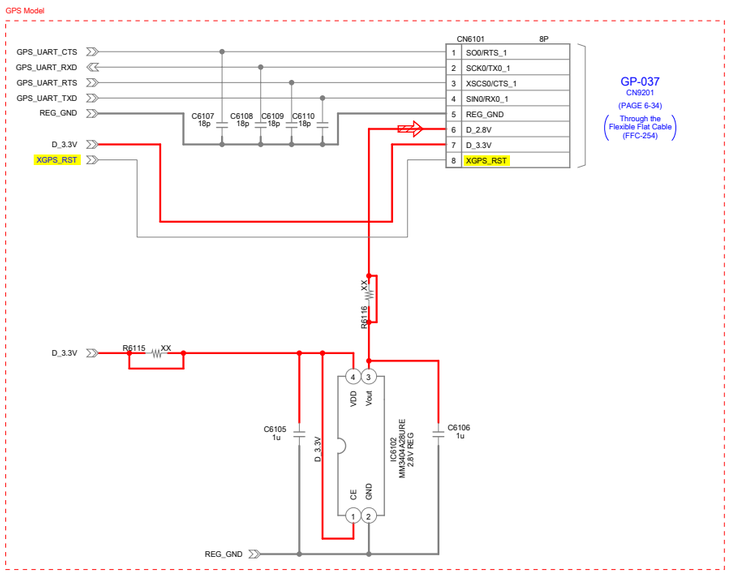
Note: LCD901 is not included in PD-465 COMPLETE BOARD.

PD-465 BOARD (1/2)

LCD

XX MARK: NO MOUNT

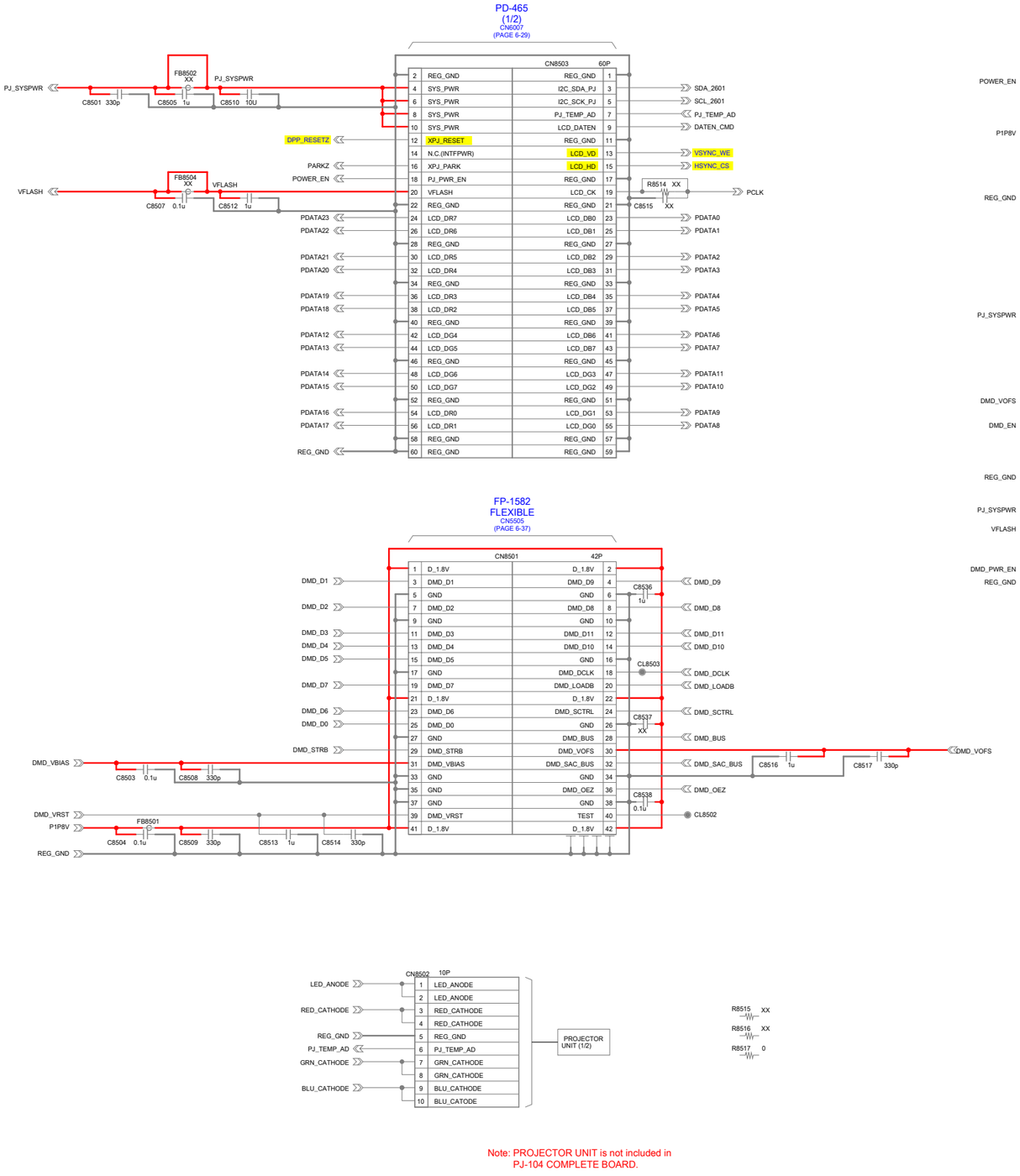

Projector Model
PJ_PWR_EN
R6106 22k
R6103 XX
R6105 XX
R6102 3.3k
LCD_DB5
LCD_DB4
LCD_DB3
LCD_DB2
LCD_DB1
LCD_DB0
CL6101
LCD_CK
R6104 XX
LCD_HD
LCD_VD
LCD_DATEN
D8 D9 E8 E9 F8 F9 G8 J9 G9 H7 H9 H8 J8 J7 J2 H6 J1 G2 H4 E2
B5 B4 B3 B2 B1 B0 F/S CPE PCLK GND HS VS DE RXEN SWAP GND_LVDS GND_LVDS GND_LVDS GND_PLLA GND_PLLD
LCD_DB6 LCD_DB7 LCD_DG0 LCD_DG1 LCD_DG2 LCD_DG3 LCD_DG4 LCD_DG5 LCD_DG6 LCD_DG7
C9 C8 B9 A8 B8 A7 B7 A6 B6 A5 B5 A4 B4 A3 B3 A2 B2 A1 B1
B6 B7 G0 G1 G2 G3 G4 G5 G6 G7 GND
LCD_DR0 LCD_DR1 LCD_DR2 LCD_DR3 LCD_DR4 LCD_DR5 LCD_DR6 LCD_DR7
R0 R1 R2 R3 R4 R5 R6 R7 GND
IC6101
SN65LVDS302ZQER
LCD SERIAL INTERFACE
RECEIVER
VDD_LVDS VDD_LVDS VDD_PLLA VDD_PLLD CPOL LS1 LS0 D0- D0+ CLK- CLK+ D1- D1+ D2- D2+ GND GND GND GND GND
H5 H2 H3 F2 H1 D2 C1 J5 J3 J4 J1 G1 F1 E1 D1 D6 G5 G4 G3 F6
RB6101 XX
VDD VDD VDD VDD VDD VDD VDD GND GND GND GND GND GND GND GND GND GND GND GND
C2 C4 C6 D7 E7 F7 G7 C5 C7 D3 D4 D5 D6 E3 E4 E5 E6 F3 F4 F5
R6101 XX
C6101 XX
C6102 0.1u
A_1.8V
REG_GND
CL6102 D2+ D2- CL6103
CL6104 D1+ D1- CL6105
CL6106 CLK+ CLK- CL6107
CL6108 D0+ D0- CL6109
LCD_DATEN
LCD_VD
LCD_HD
LCD_CK
LCD_DB0 LCD_DB1 LCD_DB2 LCD_DB3 LCD_DB4 LCD_DB5 LCD_DB6 LCD_DB7
LCD_DG0 LCD_DG1 LCD_DG2 LCD_DG3 LCD_DG4 LCD_DG5 LCD_DG6 LCD_DG7
LCD_DR0 LCD_DR1 LCD_DR2 LCD_DR3 LCD_DR4 LCD_DR5 LCD_DR6 LCD_DR7



PD-465 BOARD (2/2)

DESERIALIZER

XX MARK: NO MOUNT

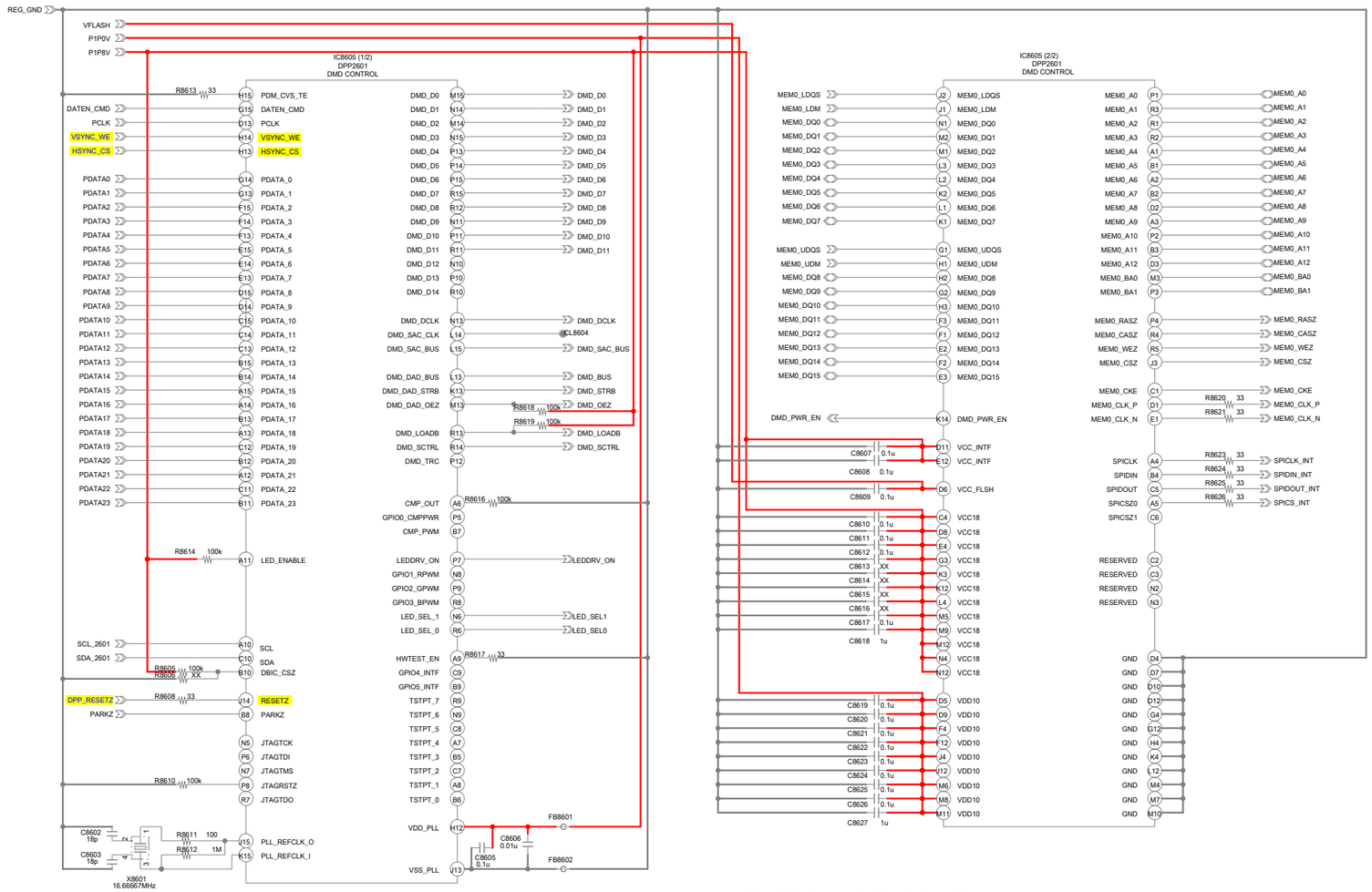


PJ-104 BOARD (1/4)

(Projector Model)

CONNECTORS, REGULATOR

XX MARK: NO MOUNT

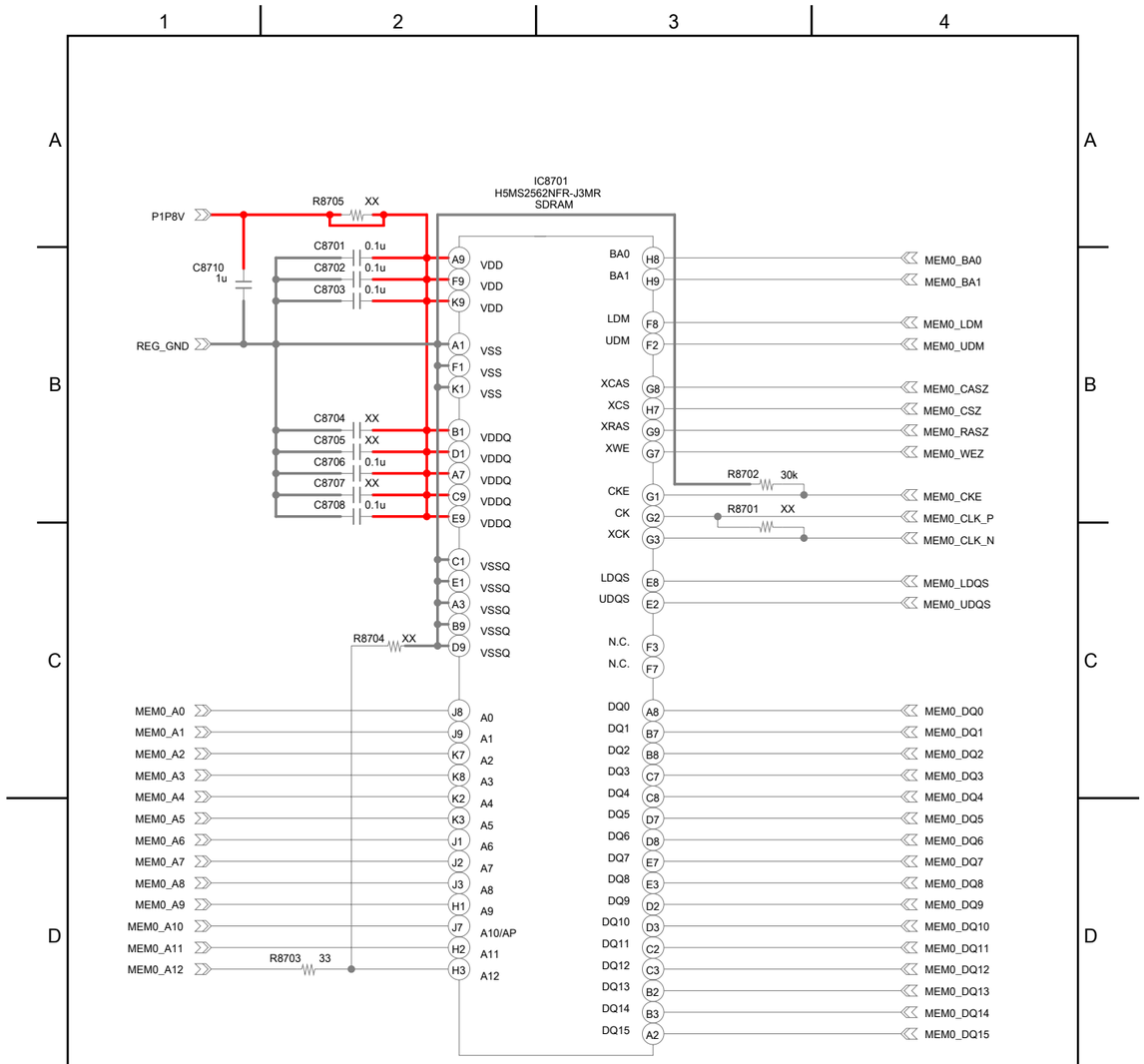


PJ-104 BOARD (2/4)

(Projector Model)

DMD CONTROL

XX MARK: NO MOUNT

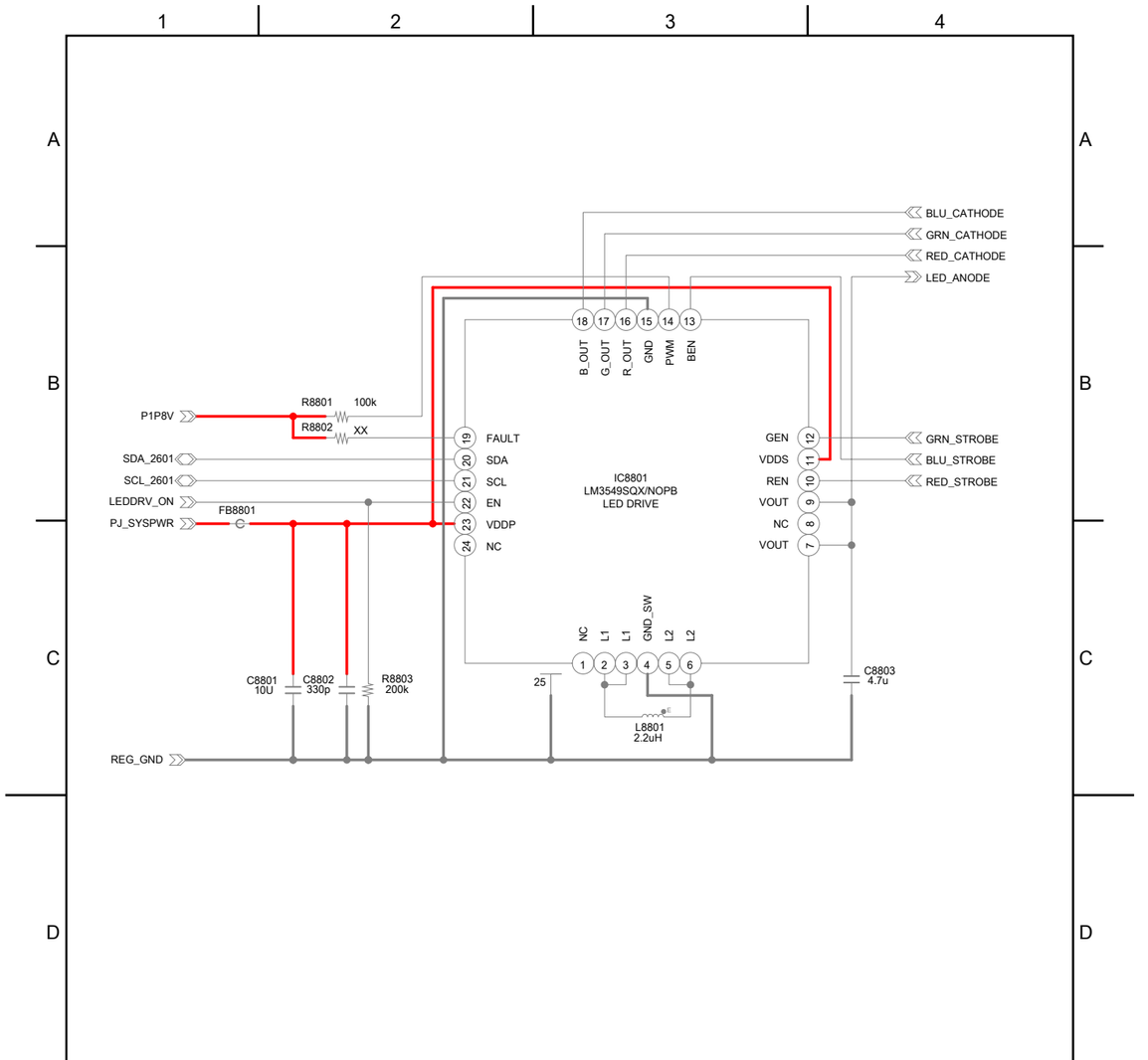


PJ-104 BOARD (3/4)

(Projector Model)

SDRAM

XX MARK: NO MOUNT

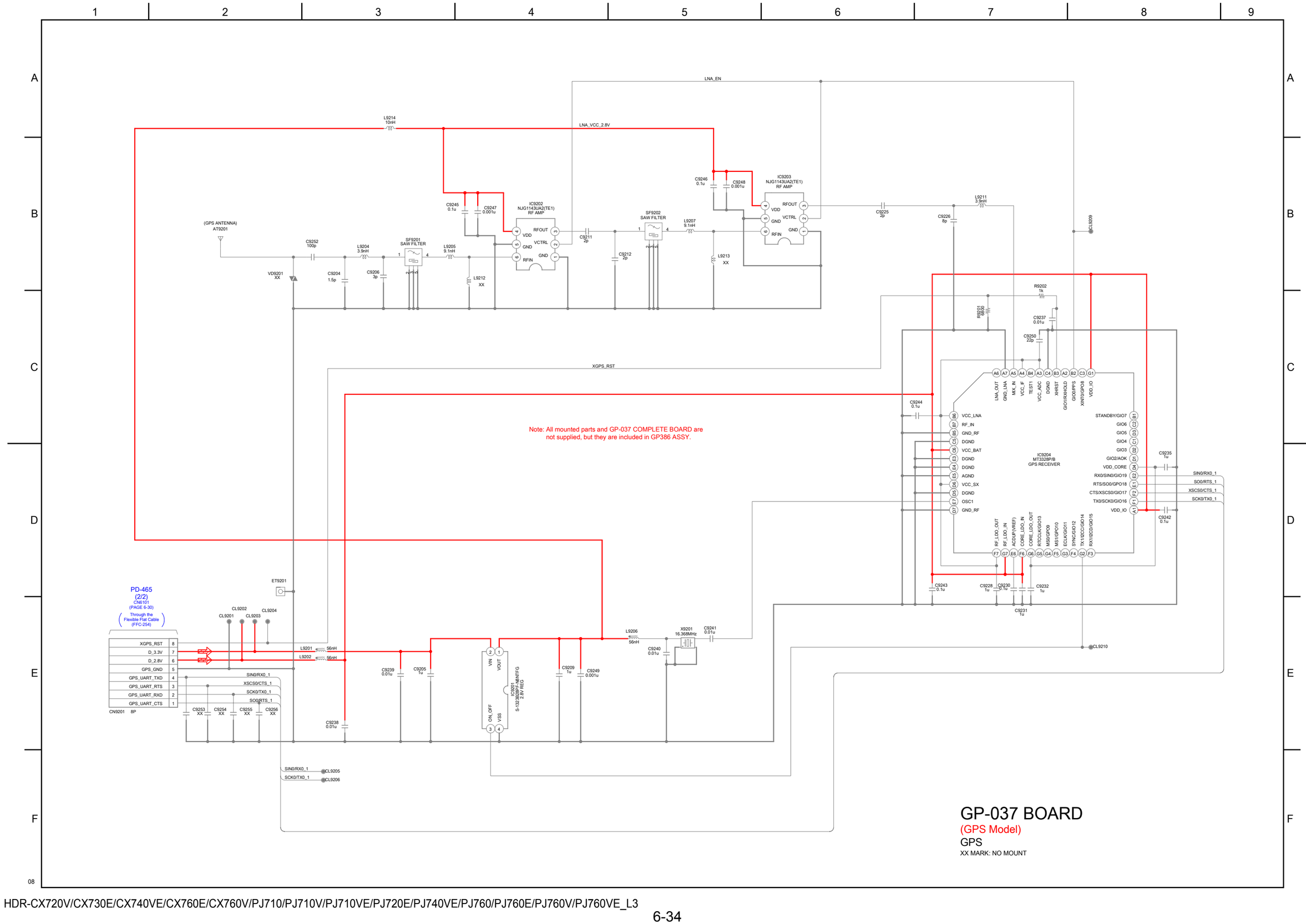


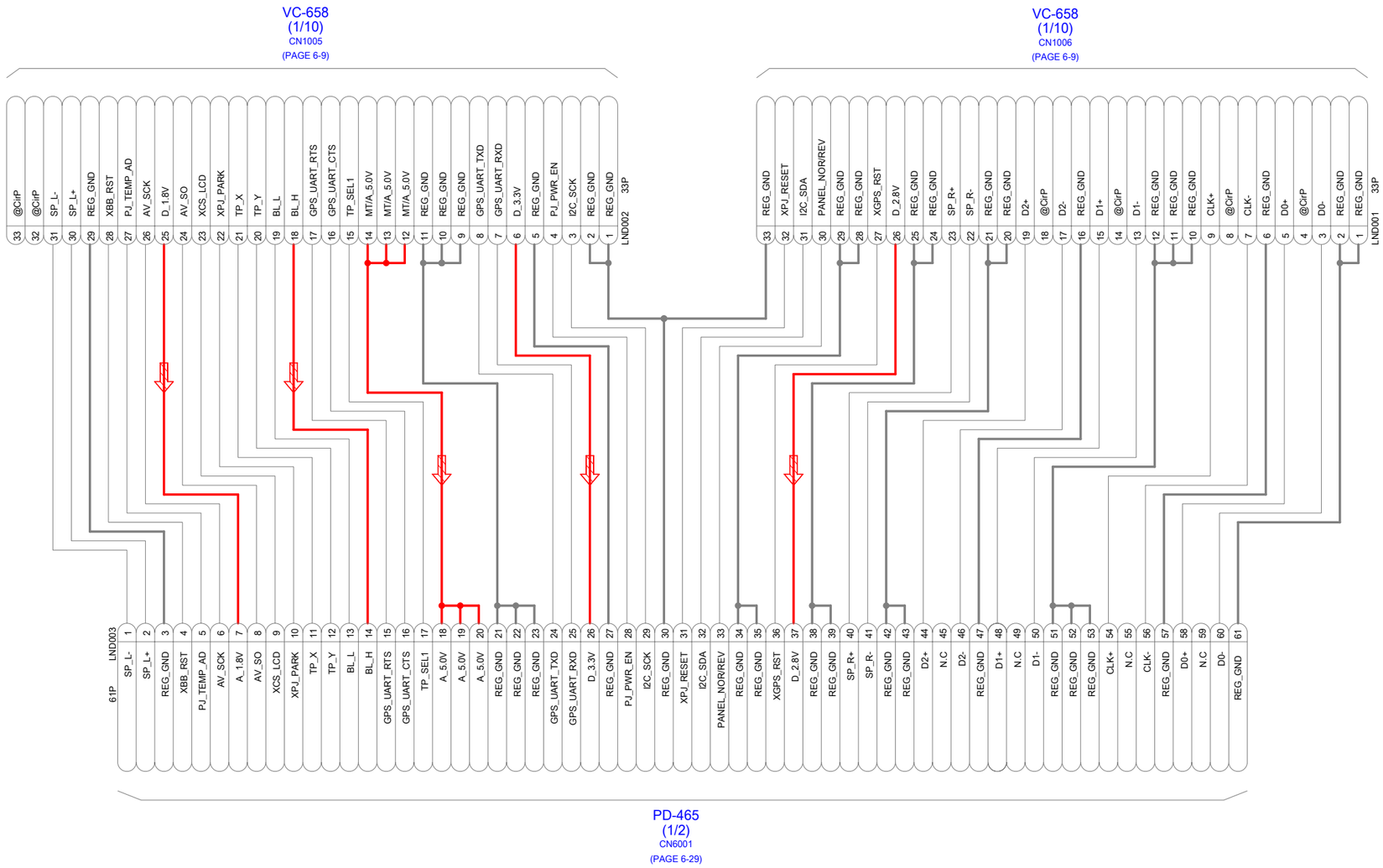
PJ-104 BOARD (4/4)

(Projector Model)

LED DRIVE

XX MARK: NO MOUNT


LNA_EN
L9214
10nH
LNA_VCC_2.8V
(GPS ANTENNA)
AT9201
C9252
100p
L9204
3.9nH
SF9201
SAW FILTER
L9205
9.1nH
C9245
0.1u
C9247
0.001u
IC9202
NJG1143UA2(TE1)
RF AMP
RFOUT
VDD
VCTRL
GND
RFIN
C9211
2p
C9212
2p
SF9202
SAW FILTER
L9207
9.1nH
L9213
XX
C9246
0.1u
C9248
0.001u
IC9203
NJG1143UA2(TE1)
RF AMP
C9225
2p
L9211
3.9nH
C9226
8p
VD9201
XX
C9204
1.5p
C9206
3p
L9212
XX
R9202
1k
R9071
68.00
C9237
0.01u
C9250
22p
XGPS_RST
C9244
0.1u
VCC_LNA
RF_IN
GND_RF
DGND
VCC_BAT
DGND
DGND
AGND
VCC_SX
DGND
OSC1
GND_RF
IC9204
MT3328P/B
GPS RECEIVER
LNA_OUT
GND_LNA
MIX_IN
VCC_IF
TEST1
VCC_ADC
DGND
XHRST
GIO1/RXHOLD
GIO0/PPS
XINT0/GPO8
VDD_IO
STANDBY/GIO7
GIO6
GIO5
GIO4
GIO3
GIO2/AOK
VDD_CORE
RX0/SIN0/GIO19
RTS/SO0/GPO18
CTS/XSCS0/GIO17
TX0/SCK0/GIO16
VDD_IO
C9235
1u
C9242
0.1u
SIN0/RX0_1
SO0/RTS_1
XSCS0/CTS_1
SCK0/TX0_1
RF_LDO_OUT
RF_LDO_IN
ACDUP(VREF)
CORE_LDO_IN
CORE_LDO_OUT
RTCCLK/GIO13
MS0/GPO9
MS1/GPO10
ECLK/GIO11
SYNC/GIO12
TX1/I2CC/GIO14
RX1/I2CD/GIO15
C9243
0.1u
C9228
1u
C9230
0.1u
C9232
1u
C9231
1u
CL9209
CL9210
Note: All mounted parts and GP-037 COMPLETE BOARD are
not supplied, but they are included in GP386 ASSY.
PD-465
(2/2)
CN6101
(PAGE 6-30)
Through the
Flexible Flat Cable
(FFC-254)
XGPS_RST 8
D_3.3V 7
D_2.8V 6
GPS_GND 5
GPS_UART_TXD 4
GPS_UART_RTS 3
GPS_UART_RXD 2
GPS_UART_CTS 1
CN9201 8P
ET9201
CL9201
CL9202
CL9203
CL9204
L9201 56nH
L9202 56nH
SIN0/RX0_1
XSCS0/CTS_1
SCK0/TX0_1
SO0/RTS_1
C9253 XX
C9254 XX
C9255 XX
C9256 XX
C9238
0.01u
C9239
0.01u
C9205
1u
VIN
VOUT
ON_OFF
VSS
IC9201
S-1323B28PF-N8NTFG
2.8V REG
L9206
56nH
X9201
16.368MHz
C9240
0.01u
C9241
0.01u
C9209
1u
C9249
0.001u
SIN0/RX0_1
SCK0/TX0_1
CL9205
CL9206
GP-037 BOARD
(GPS Model)
GPS
XX MARK: NO MOUNT

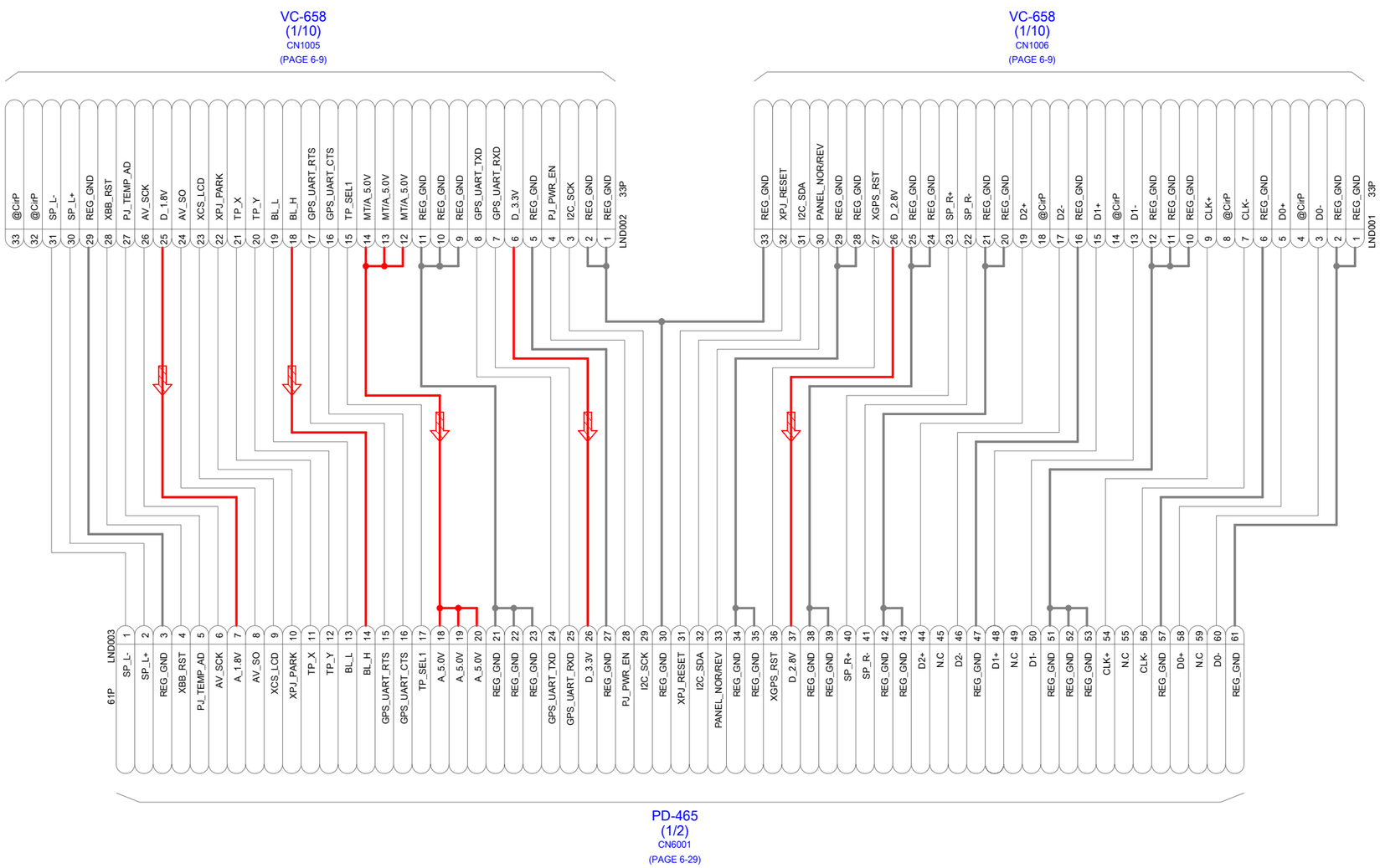


FP-1519 FLEXIBLE BOARD

(Projector Model)

VC-PD CONNECTION

(PRINTED WIRING BOARD is omitted.)

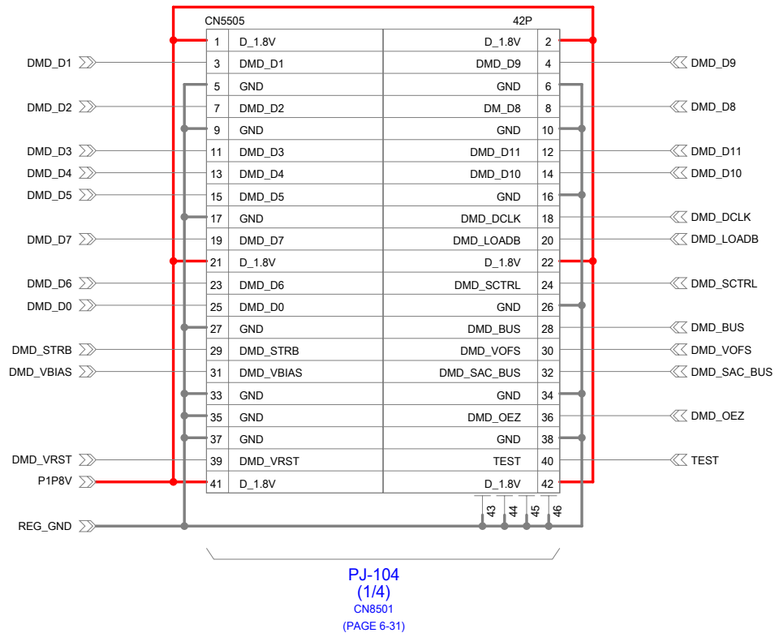


FP-1580 FLEXIBLE BOARD

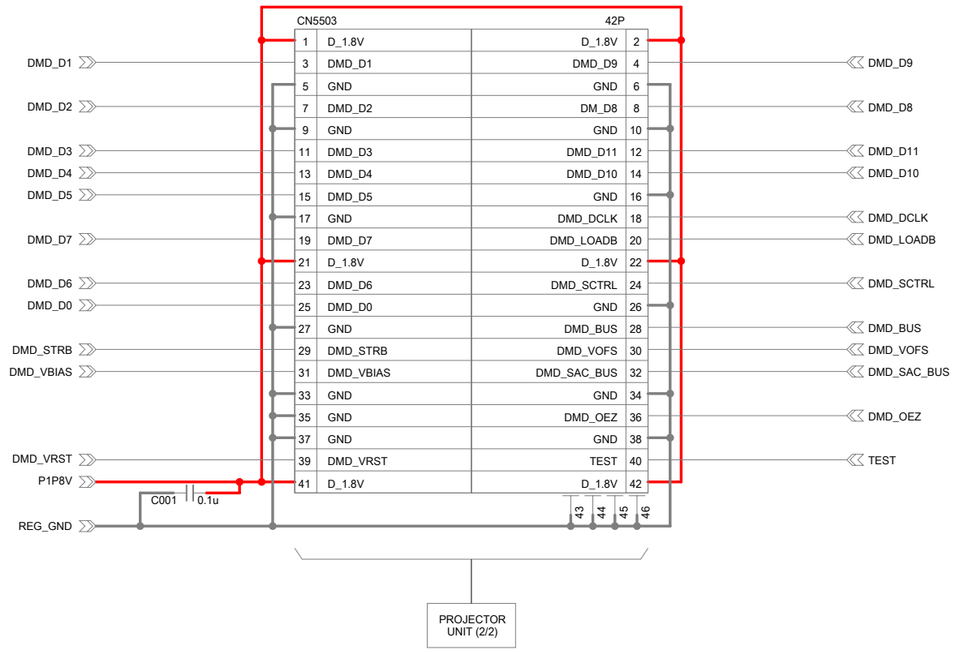
(Non Projector Model)

VC-PD CONNECTION

(PRINTED WIRING BOARD is omitted.)



Note: CN5505 is not supplied, but this is included in FP-1582 FLEXIBLE COMPLETE BOARD.

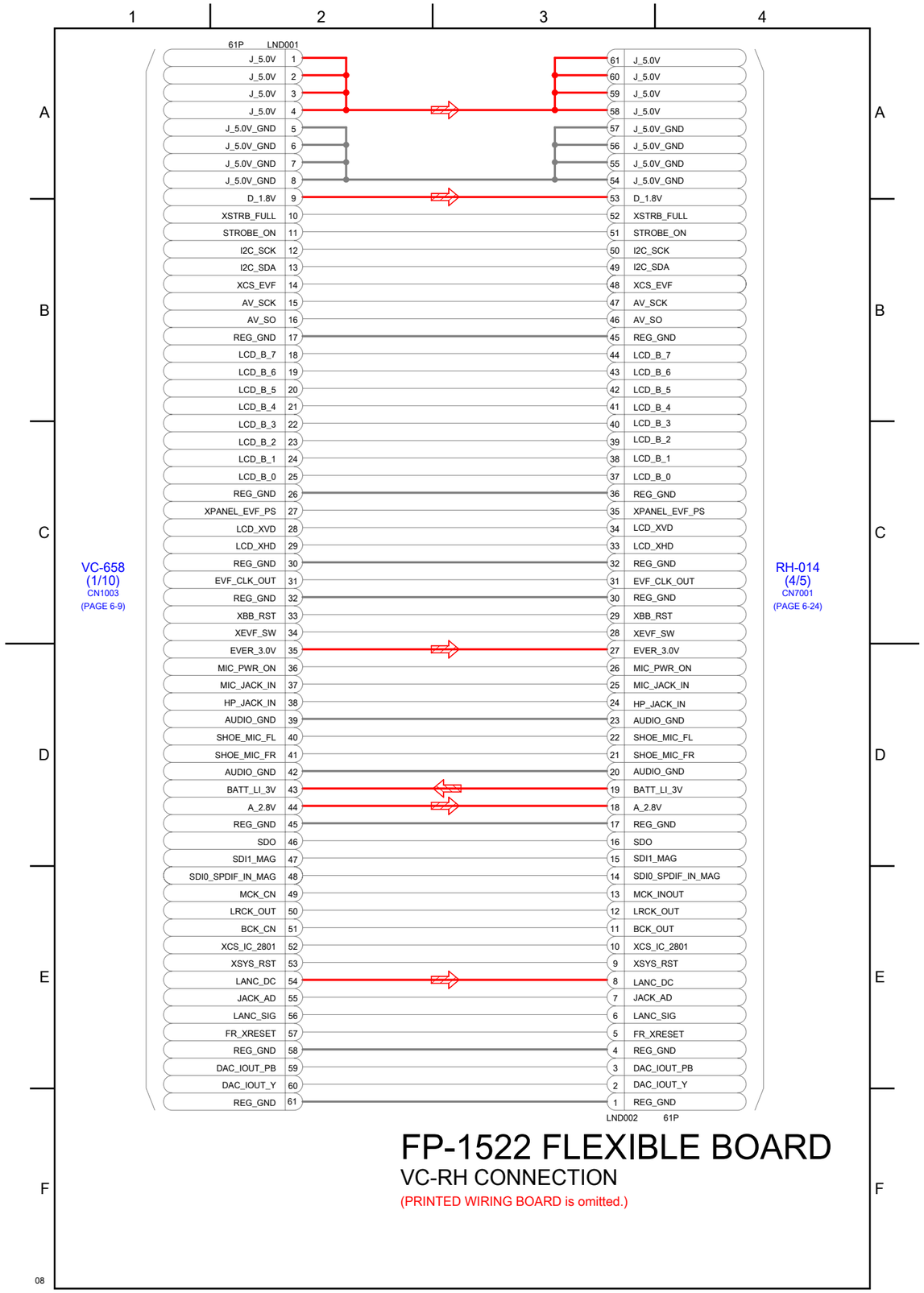


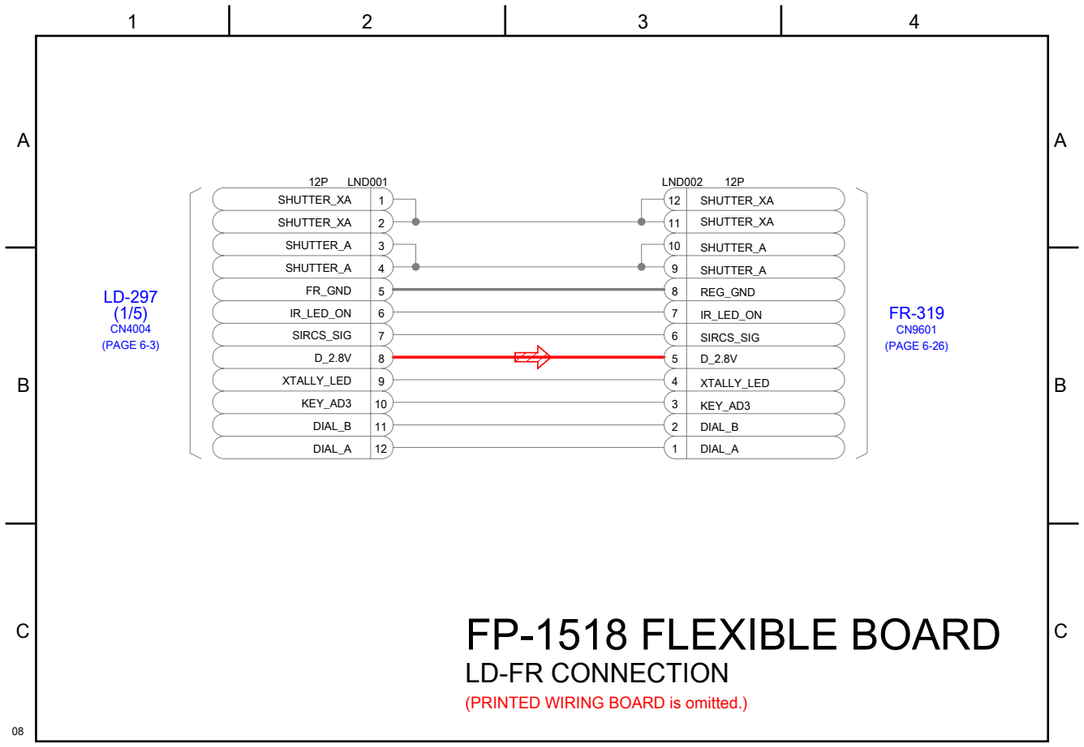
Note: PROJECTOR UNIT is not included in FP-1582 FLEXIBLE COMPLETE BOARD.

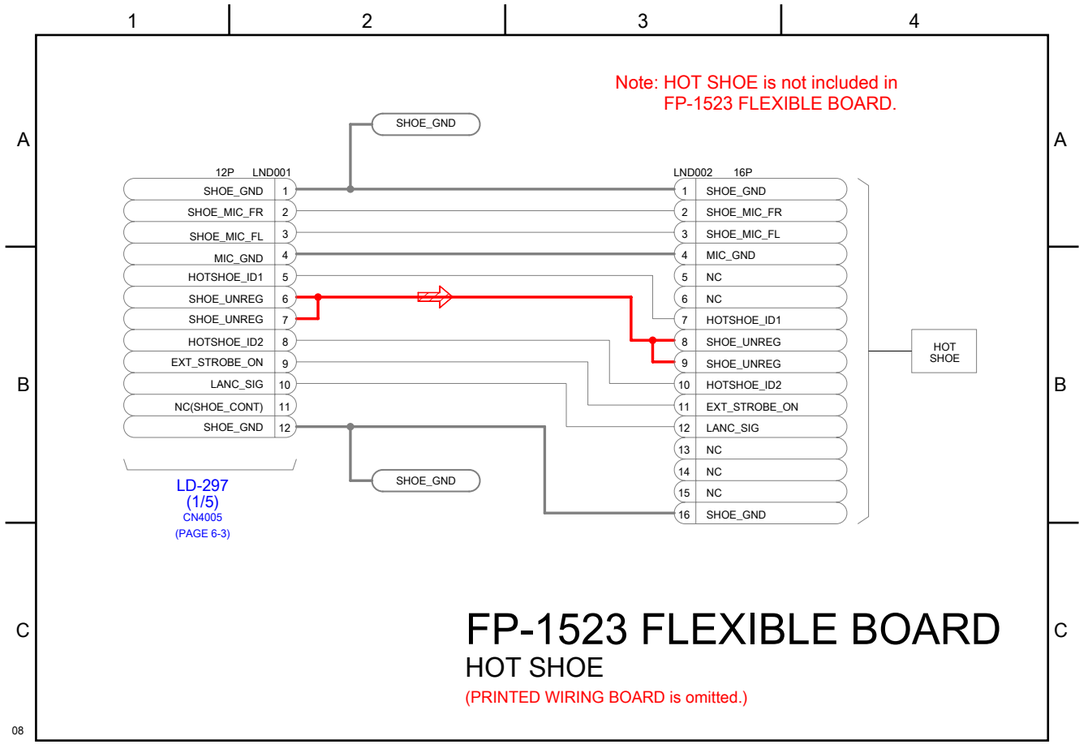
FP-1582 FLEXIBLE BOARD

(Projector Model)

PJ-PROJECTOR CONNECTION

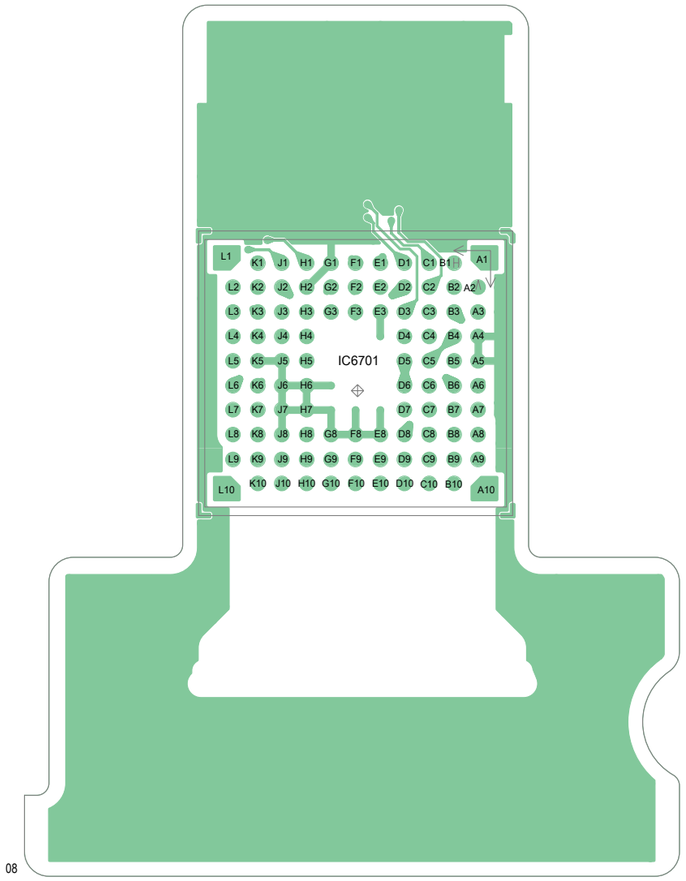

61P LND001
J_5.0V 1
J_5.0V 2
J_5.0V 3
J_5.0V 4
J_5.0V_GND 5
J_5.0V_GND 6
J_5.0V_GND 7
J_5.0V_GND 8
D_1.8V 9
XSTRB_FULL 10
STROBE_ON 11
I2C_SCK 12
I2C_SDA 13
XCS_EVF 14
AV_SCK 15
AV_SO 16
REG_GND 17
LCD_B_7 18
LCD_B_6 19
LCD_B_5 20
LCD_B_4 21
LCD_B_3 22
LCD_B_2 23
LCD_B_1 24
LCD_B_0 25
REG_GND 26
XPANEL_EVF_PS 27
LCD_XVD 28
LCD_XHD 29
REG_GND 30
EVF_CLK_OUT 31
REG_GND 32
XBB_RST 33
XEVF_SW 34
EVER_3.0V 35
MIC_PWR_ON 36
MIC_JACK_IN 37
HP_JACK_IN 38
AUDIO_GND 39
SHOE_MIC_FL 40
SHOE_MIC_FR 41
AUDIO_GND 42
BATT_LI_3V 43
A_2.8V 44
REG_GND 45
SDO 46
SDI1_MAG 47
SDI0_SPDIF_IN_MAG 48
MCK_CN 49
LRCK_OUT 50
BCK_CN 51
XCS_IC_2801 52
XSYS_RST 53
LANC_DC 54
JACK_AD 55
LANC_SIG 56
FR_XRESET 57
REG_GND 58
DAC_IOUT_PB 59
DAC_IOUT_Y 60
REG_GND 61
61 J_5.0V
60 J_5.0V
59 J_5.0V
58 J_5.0V
57 J_5.0V_GND
56 J_5.0V_GND
55 J_5.0V_GND
54 J_5.0V_GND
53 D_1.8V
52 XSTRB_FULL
51 STROBE_ON
50 I2C_SCK
49 I2C_SDA
48 XCS_EVF
47 AV_SCK
46 AV_SO
45 REG_GND
44 LCD_B_7
43 LCD_B_6
42 LCD_B_5
41 LCD_B_4
40 LCD_B_3
39 LCD_B_2
38 LCD_B_1
37 LCD_B_0
36 REG_GND
35 XPANEL_EVF_PS
34 LCD_XVD
33 LCD_XHD
32 REG_GND
31 EVF_CLK_OUT
30 REG_GND
29 XBB_RST
28 XEVF_SW
27 EVER_3.0V
26 MIC_PWR_ON
25 MIC_JACK_IN
24 HP_JACK_IN
23 AUDIO_GND
22 SHOE_MIC_FL
21 SHOE_MIC_FR
20 AUDIO_GND
19 BATT_LI_3V
18 A_2.8V
17 REG_GND
16 SDO
15 SDI1_MAG
14 SDI0_SPDIF_IN_MAG
13 MCK_INOUT
12 LRCK_OUT
11 BCK_OUT
10 XCS_IC_2801
9 XSYS_RST
8 LANC_DC
7 JACK_AD
6 LANC_SIG
5 FR_XRESET
4 REG_GND
3 DAC_IOUT_PB
2 DAC_IOUT_Y
1 REG_GND
LND002 61P
VC-658
(1/10)
CN1003
(PAGE 6-9)
RH-014
(4/5)
CN7001
(PAGE 6-24)
FP-1522 FLEXIBLE BOARD
VC-RH CONNECTION
(PRINTED WIRING BOARD is omitted.)


12P LND001
SHUTTER_XA 1
SHUTTER_XA 2
SHUTTER_A 3
SHUTTER_A 4
FR_GND 5
IR_LED_ON 6
SIRCS_SIG 7
D_2.8V 8
XTALLY_LED 9
KEY_AD3 10
DIAL_B 11
DIAL_A 12
LND002 12P
12 SHUTTER_XA
11 SHUTTER_XA
10 SHUTTER_A
9 SHUTTER_A
8 REG_GND
7 IR_LED_ON
6 SIRCS_SIG
5 D_2.8V
4 XTALLY_LED
3 KEY_AD3
2 DIAL_B
1 DIAL_A
LD-297
(1/5)
CN4004
(PAGE 6-3)
FR-319
CN9601
(PAGE 6-26)
FP-1518 FLEXIBLE BOARD
LD-FR CONNECTION
(PRINTED WIRING BOARD is omitted.)


Note: HOT SHOE is not included in
FP-1523 FLEXIBLE BOARD.
SHOE_GND
12P LND001
SHOE_GND 1
SHOE_MIC_FR 2
SHOE_MIC_FL 3
MIC_GND 4
HOTSHOE_ID1 5
SHOE_UNREG 6
SHOE_UNREG 7
HOTSHOE_ID2 8
EXT_STROBE_ON 9
LANC_SIG 10
NC(SHOE_CONT) 11
SHOE_GND 12
LND002 16P
1 SHOE_GND
2 SHOE_MIC_FR
3 SHOE_MIC_FL
4 MIC_GND
5 NC
6 NC
7 HOTSHOE_ID1
8 SHOE_UNREG
9 SHOE_UNREG
10 HOTSHOE_ID2
11 EXT_STROBE_ON
12 LANC_SIG
13 NC
14 NC
15 NC
16 SHOE_GND
HOT SHOE
SHOE_GND
LD-297
(1/5)
CN4005
(PAGE 6-3)
FP-1523 FLEXIBLE BOARD
HOT SHOE
(PRINTED WIRING BOARD is omitted.)

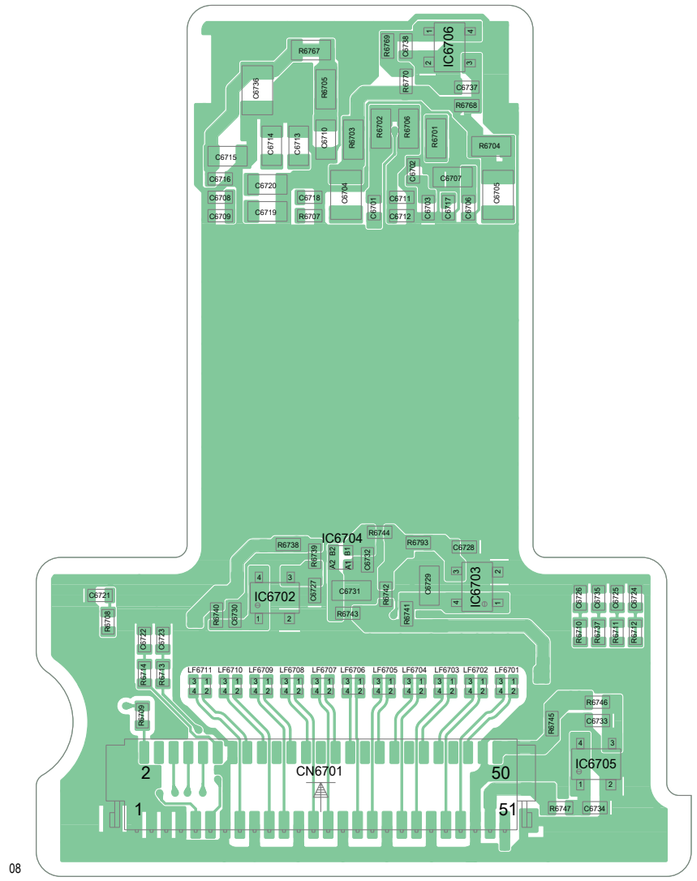
6-2. PRINTED WIRING BOARDS

CM-121 BOARD (SIDE A)



1-882-498- 11

CM-121 BOARD (SIDE B)

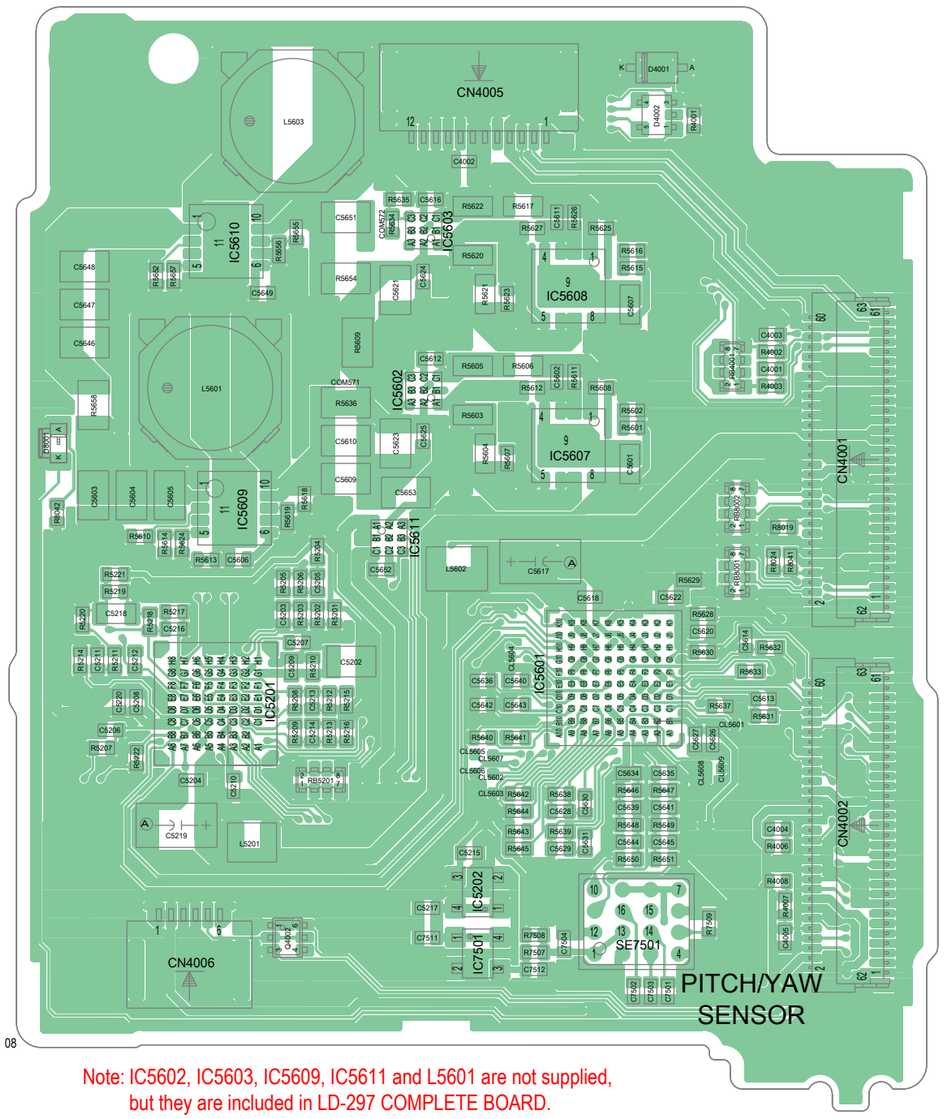


1-882-498- 11

Note: All mounted parts and CM-121 COMPLETE BOARD are not supplied, but they are included in CMOS BLOCK ASSY.

: Uses unleaded solder.

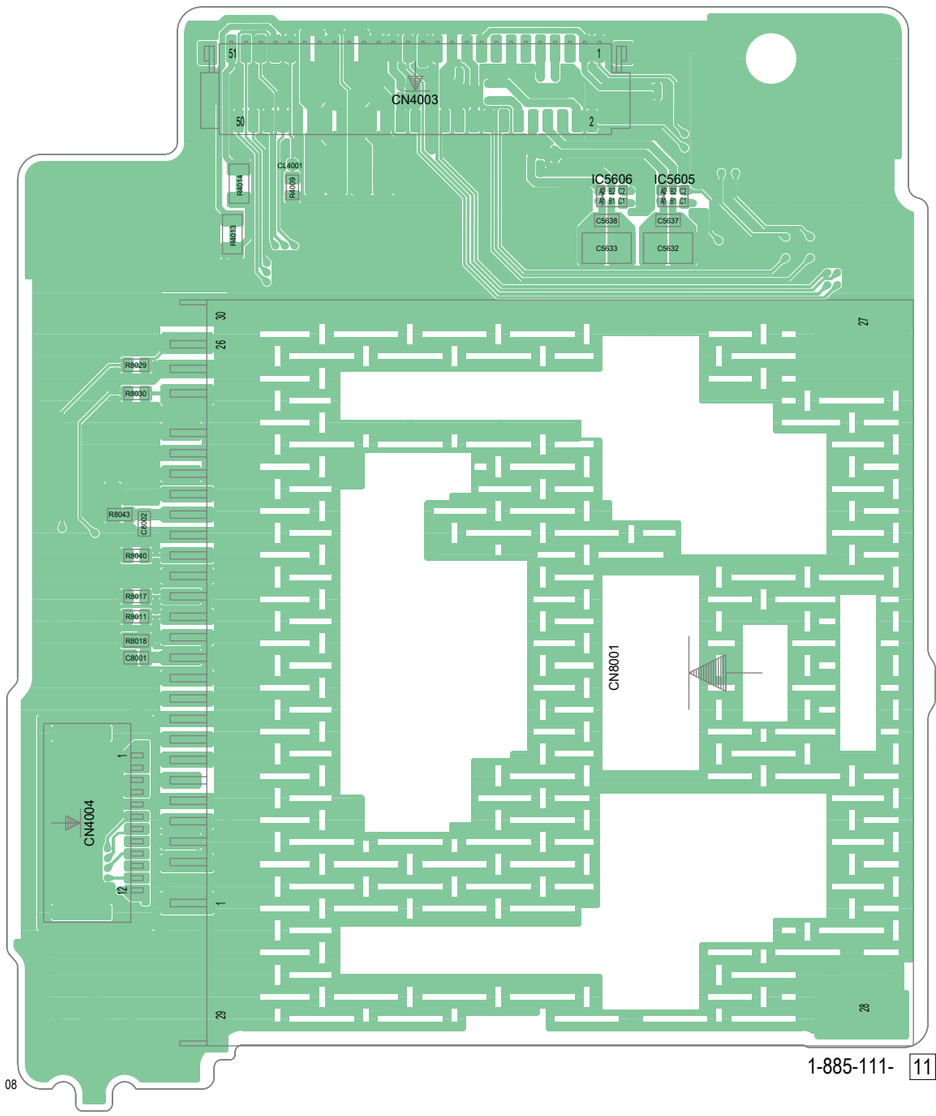
LD-297 BOARD (SIDE A)



Note: IC5602, IC5603, IC5609, IC5611 and L5601 are not supplied, but they are included in LD-297 COMPLETE BOARD.

1-885-111- 11

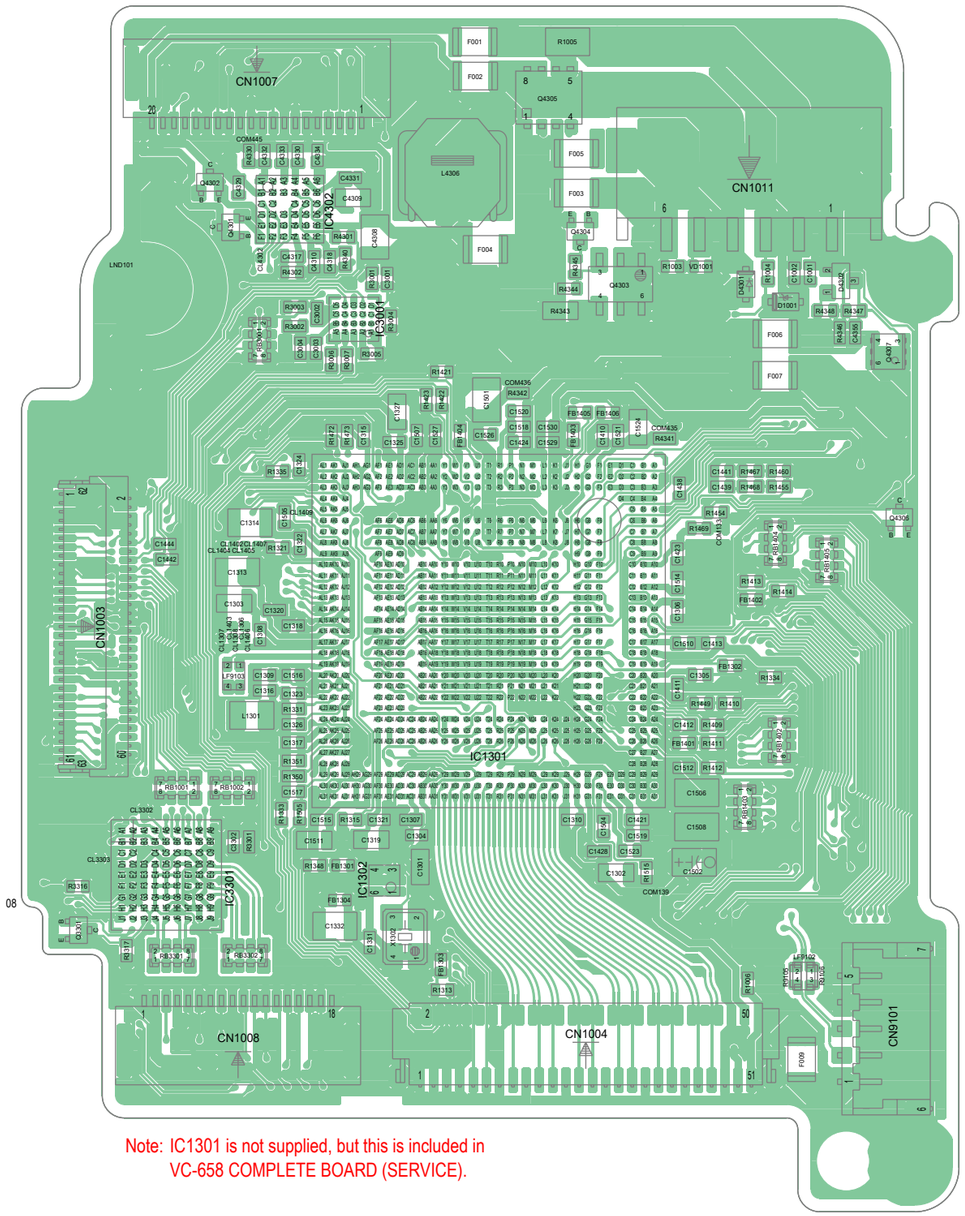
LD-297 BOARD (SIDE B)



1-885-111- 11

: Uses unleaded solder.

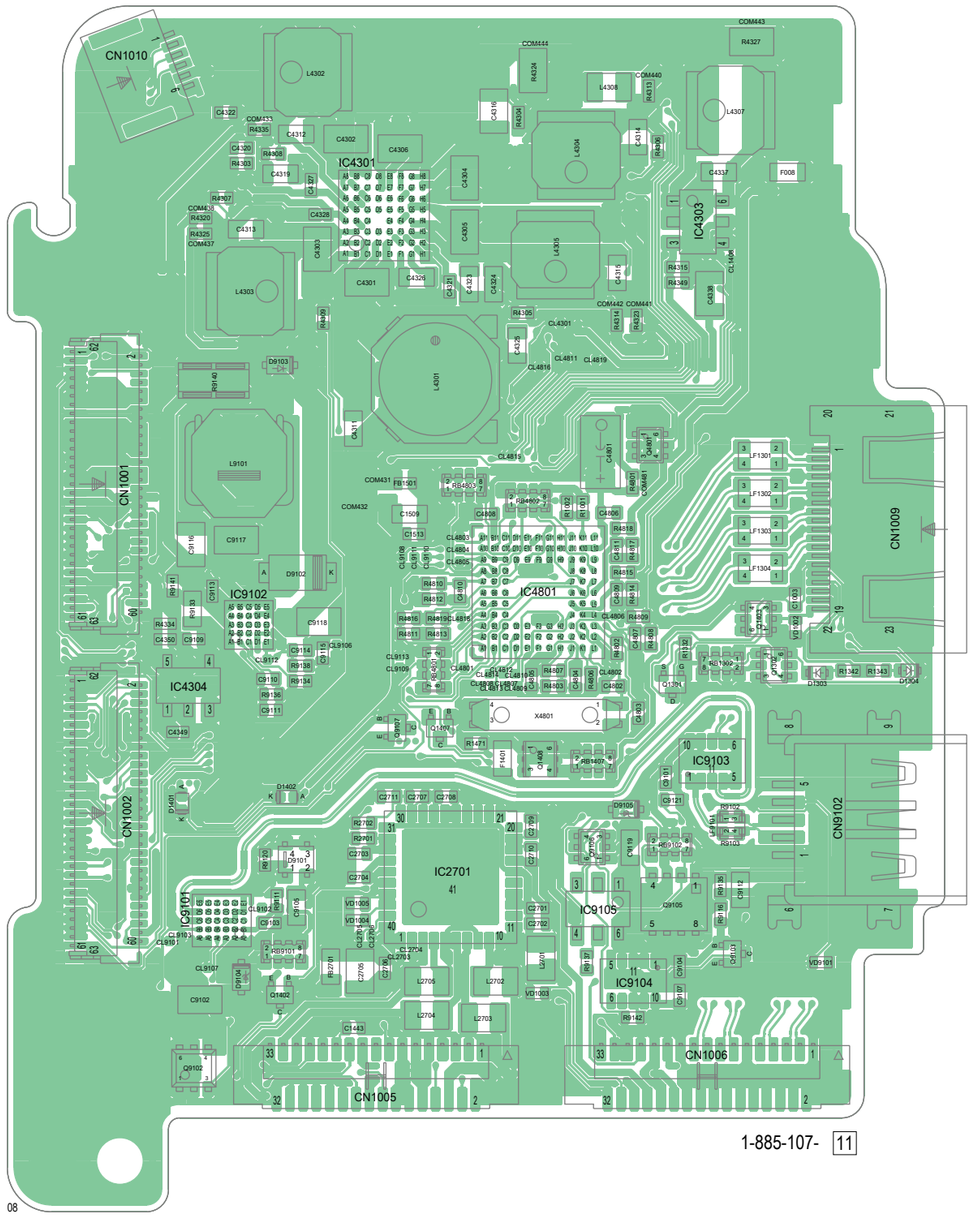
VC-658 BOARD (SIDE A)



Note: IC1301 is not supplied, but this is included in VC-658 COMPLETE BOARD (SERVICE).

1-885-107- 11

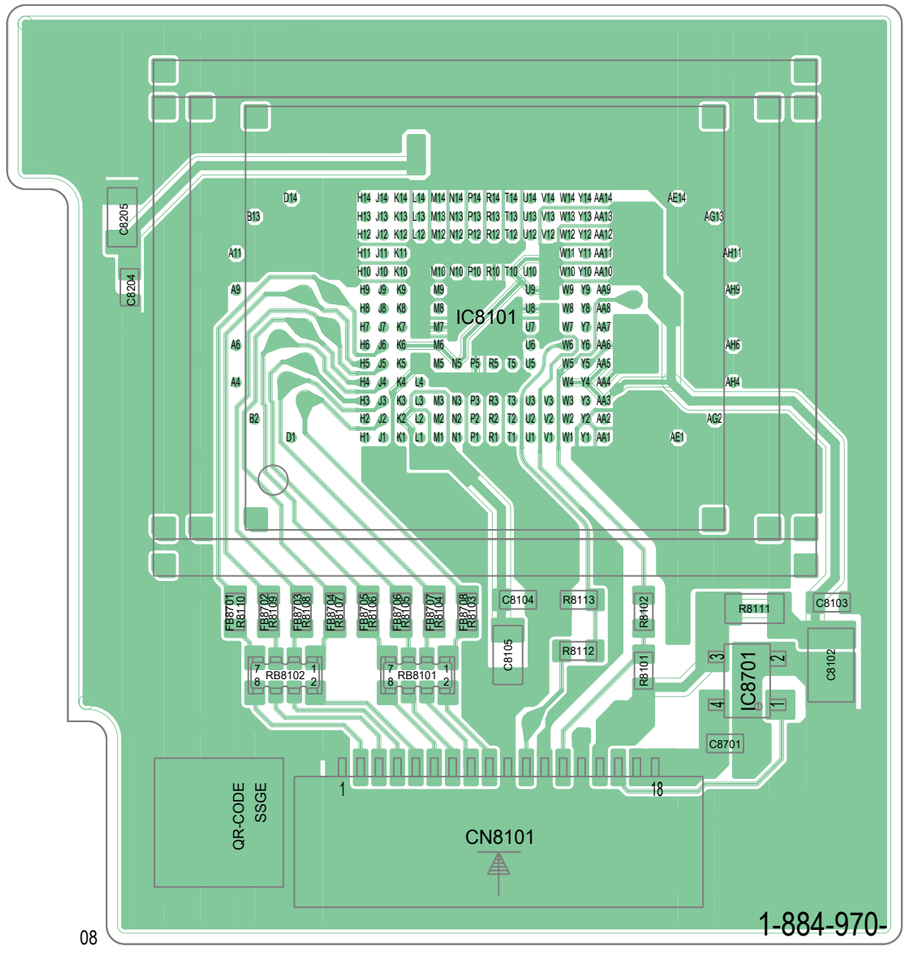
VC-658 BOARD (SIDE B)



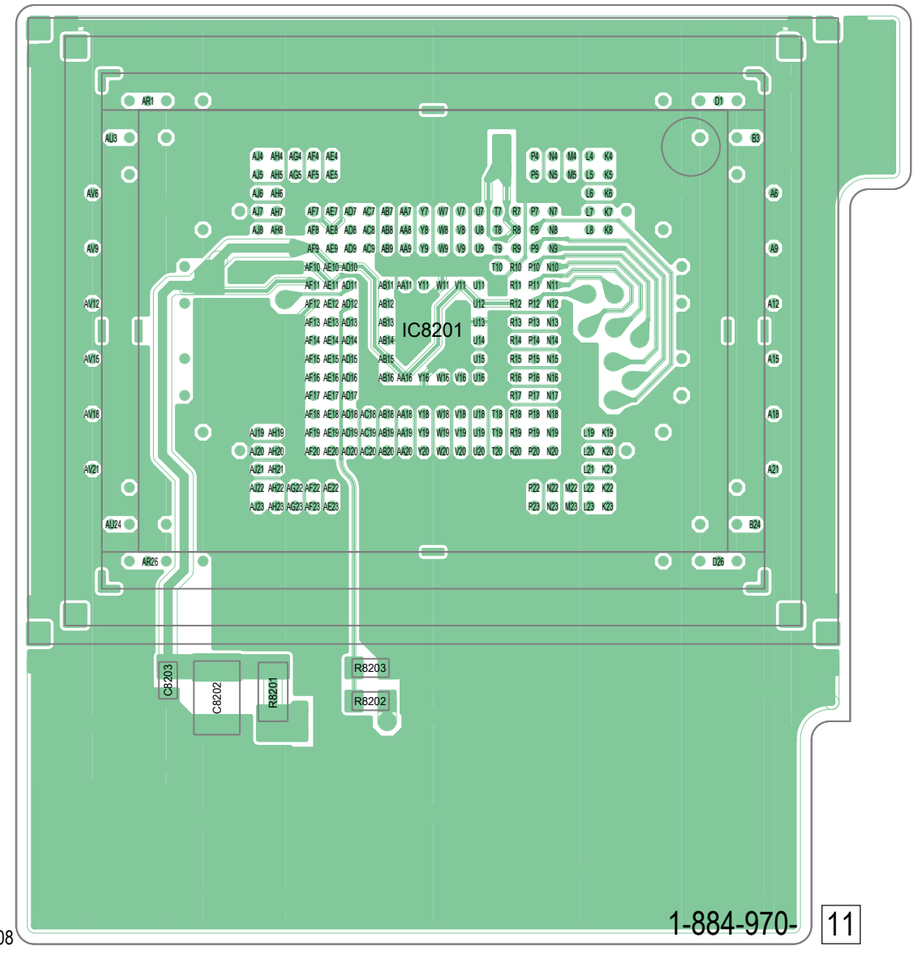
1-885-107- 11

: Uses unleaded solder.

MM-102 BOARD (SIDE A) : EXCEPT CX730E



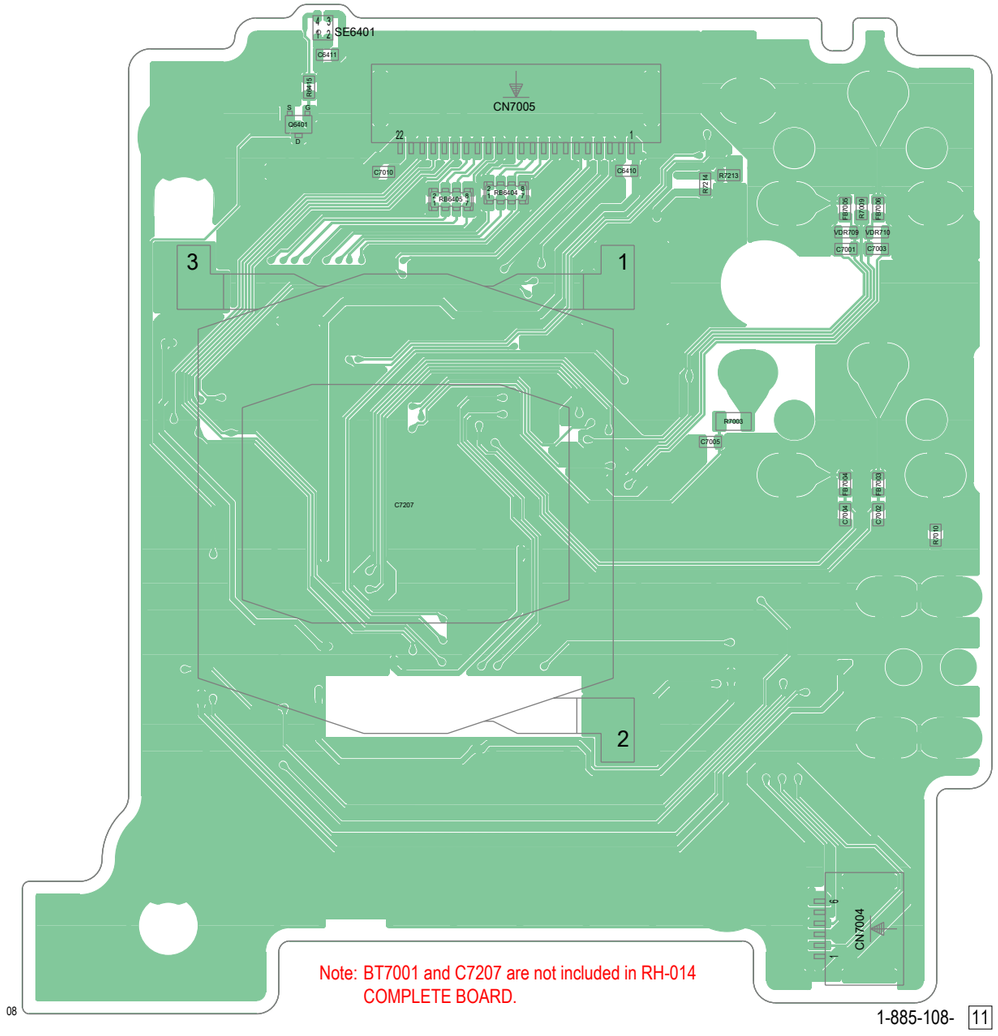
MM-102 BOARD (SIDE B) : EXCEPT CX730E



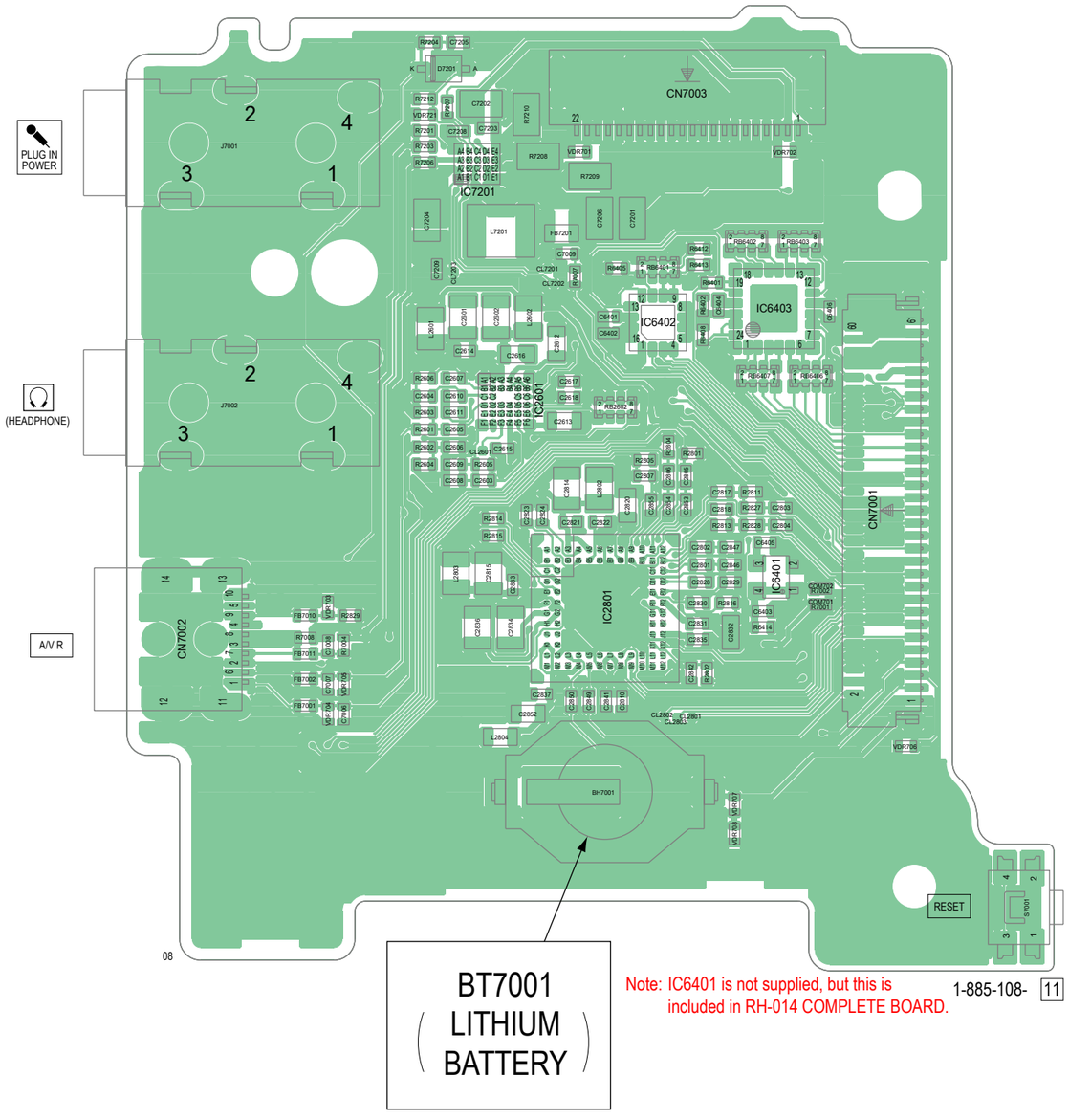
Note: IC8101 and IC8201 are not supplied, but they are included in MM-102 COMPLETE BOARD.

: Uses unleaded solder.

RH-014 BOARD (SIDE A)



RH-014 BOARD (SIDE B)



Caution
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.
Dispose of used batteries according to the instructions.

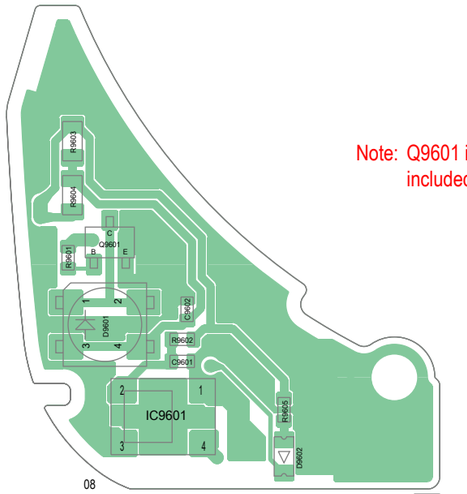
注意
電池の交換は，正しく行わないと破裂する恐れがあります。
電池を交換する場合には必ず同じ型名の電池又は同等品と交換してください。
使用済み電池は，取扱指示に従って処分してください。

Note: Replace the battery holder (BH7001) together when replacing the lithium storage battery (BT7001) on the RH-014 board. (The battery holder removed once cannot be used again.)
When mounting these parts, mount new battery holder first and attach new lithium battery next.

Note: RH-014基板のリチウム蓄電池（BT7001）を交換する場合はバッテリホルダ（BH7001）も同時に新品に交換して下さい。（一度使用したバッテリホルダは再使用できません。）
部品取り付けの際は，先にバッテリホルダを取り付けてからリチウム電池を装着して下さい。

: Uses unleaded solder.

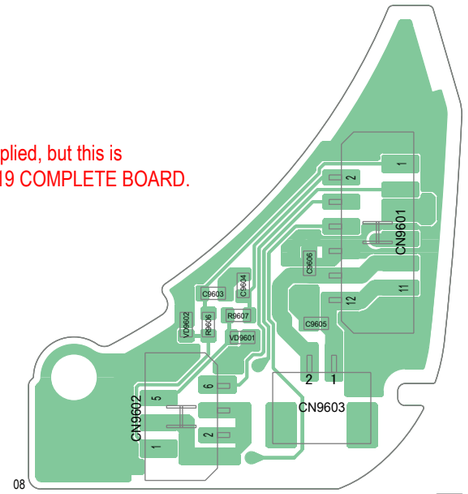
FR-319 BOARD (SIDE A)



1-885-113- 11

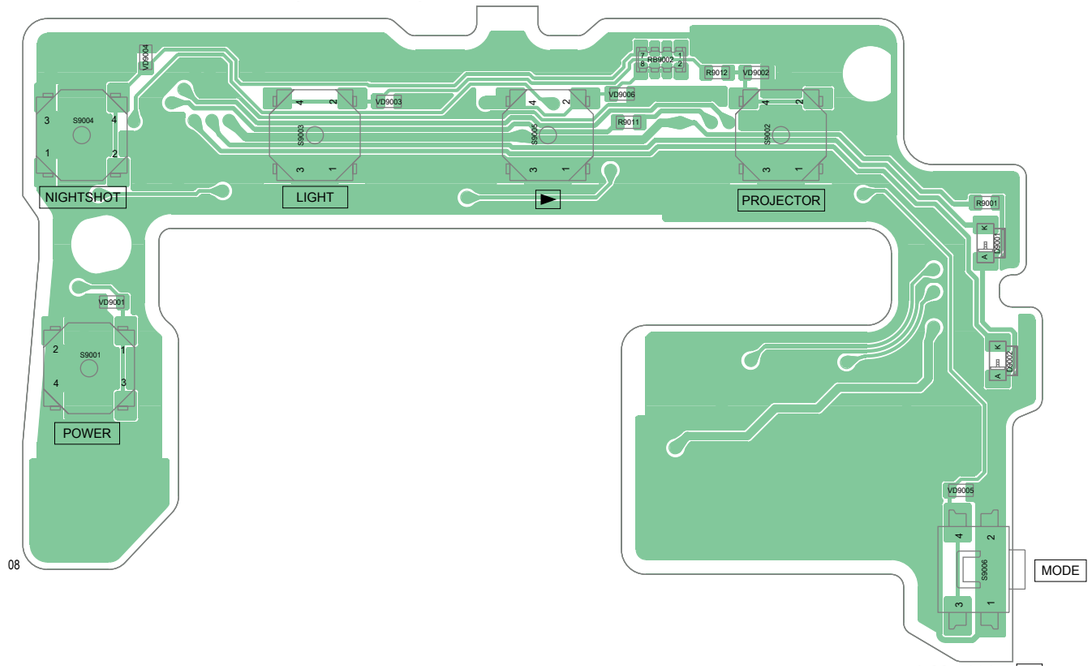
FR-319 BOARD (SIDE B)

Note: Q9601 is not supplied, but this is included in FR-319 COMPLETE BOARD.



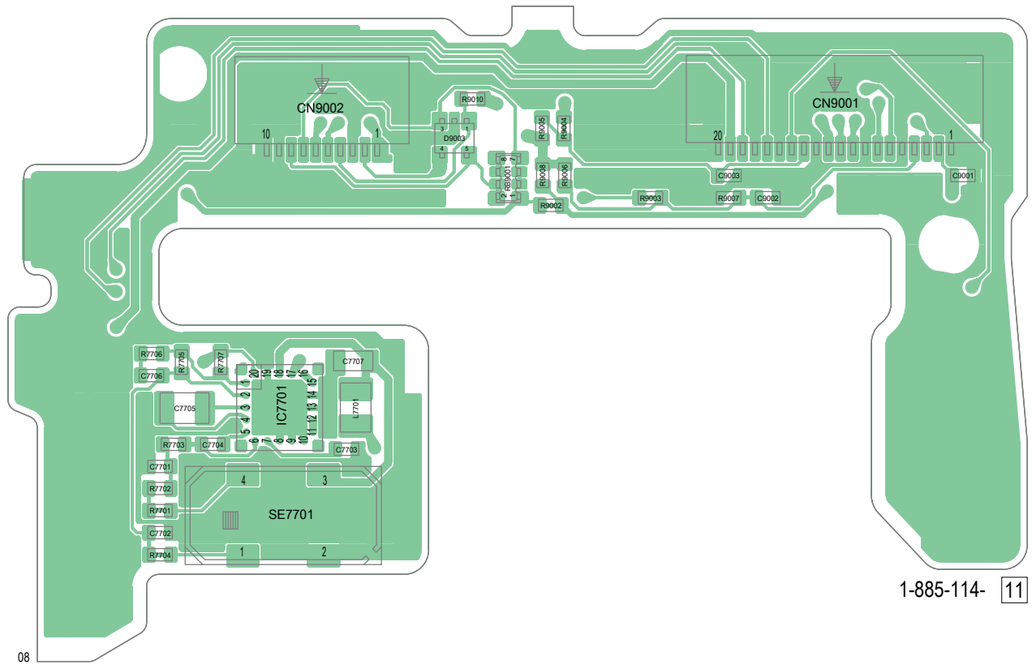
1-885-113- 11

CK-244 BOARD (SIDE A)



1-885-114- 11

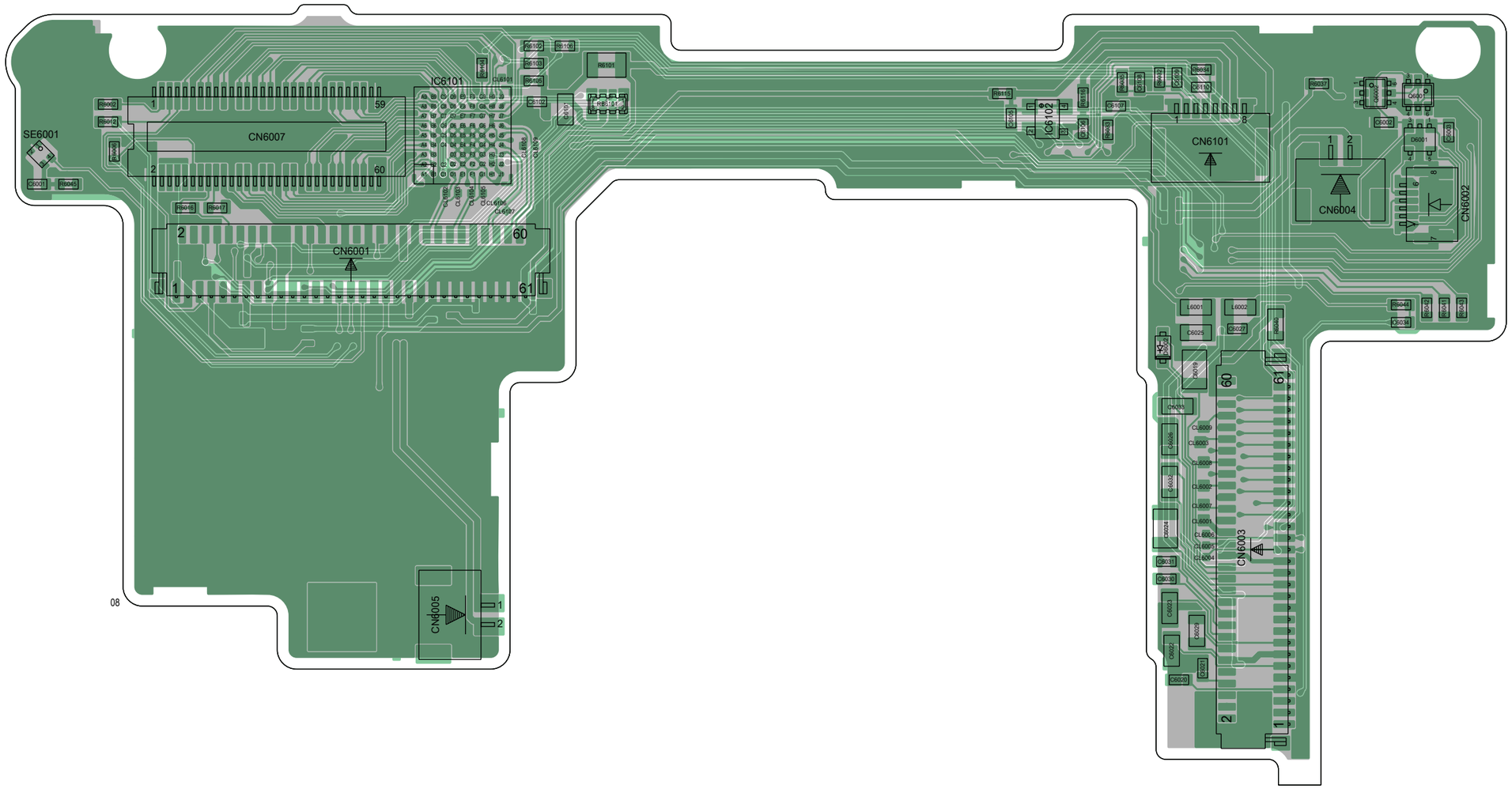
CK-244 BOARD (SIDE B)



1-885-114- 11

: Uses unleaded solder.

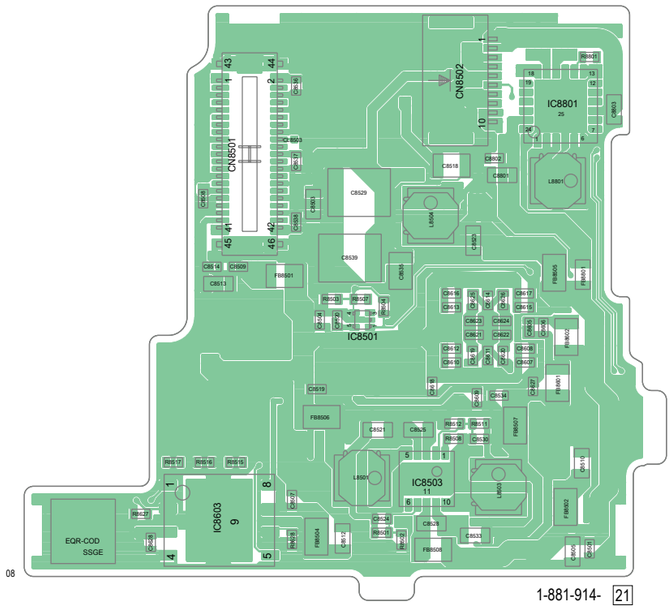
PD-465 BOARD



1-885-440- 11

PJ-104 BOARD (SIDE B)

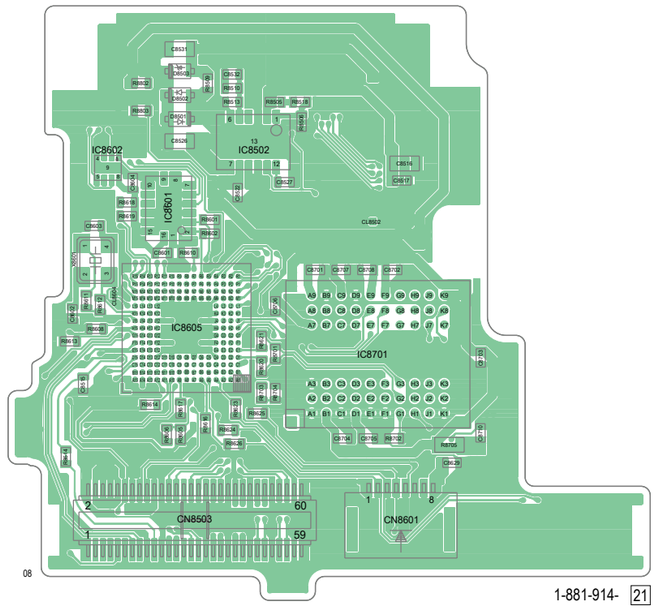
: Projector Model



1-881-914- 21

PJ-104 BOARD (SIDE A)

: Projector Model

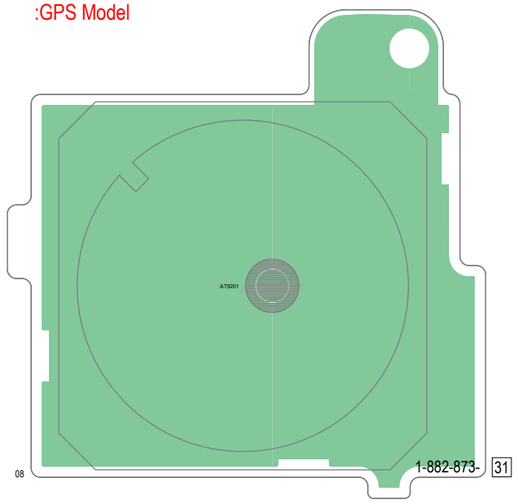


1-881-914- 21

Note: IC8605 is not supplied, but this is included in PJ-104 COMPLETE BOARD.

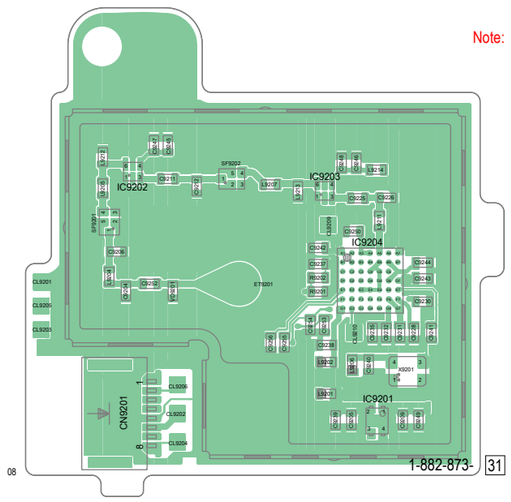
GP-037 BOARD (SIDE A)

:GPS Model



1-882-873- 31

GP-037 BOARD (SIDE B) :GPS Model

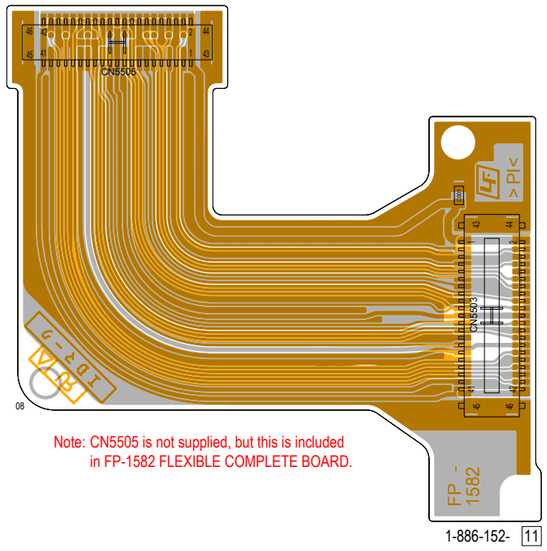


1-882-873- 31

Note: All mounted parts and GP-037 COMPLETE BOARD are not supplied, but they are included in GP386 ASSY.

FP-1582 FLEXIBLE BOARD

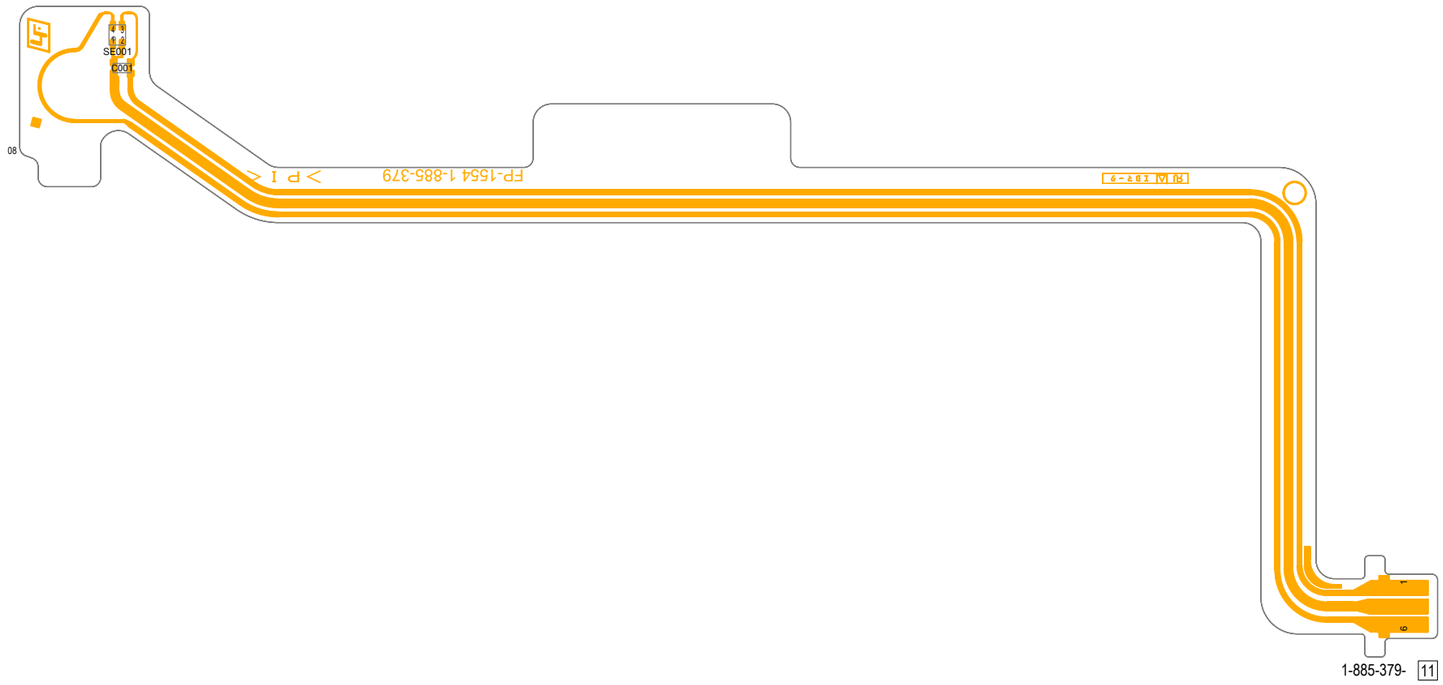
:Projector Model



Note: CN5505 is not supplied, but this is included in FP-1582 FLEXIBLE COMPLETE BOARD.

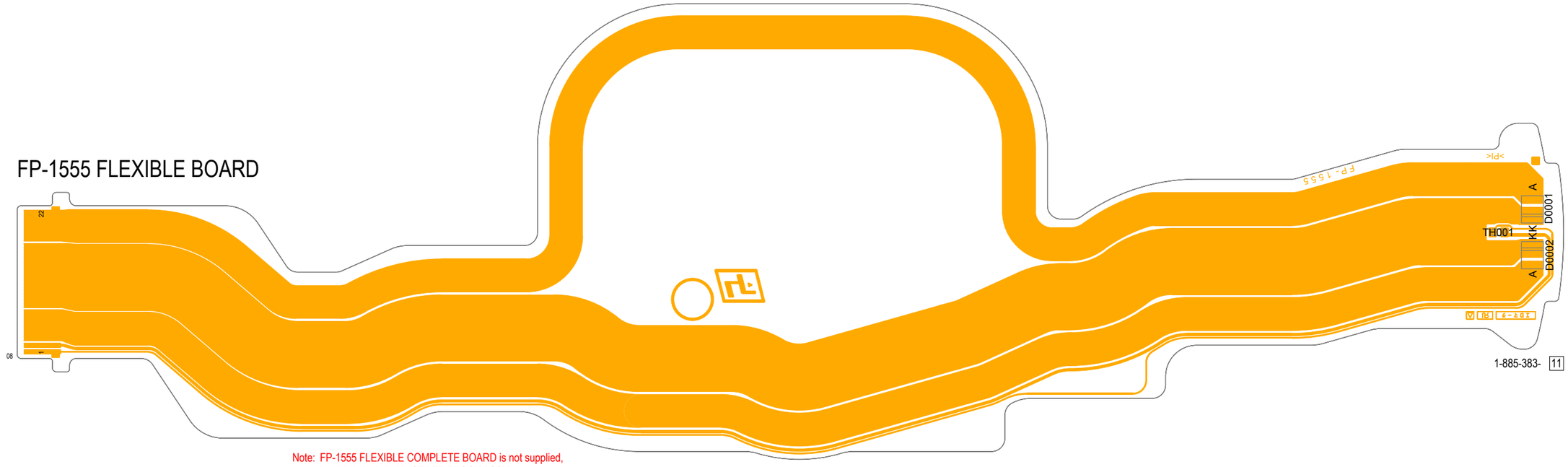
1-886-152- 11

FP-1554 FLEXIBLE BOARD



1-885-379- 11

FP-1555 FLEXIBLE BOARD



Note: FP-1555 FLEXIBLE COMPLETE BOARD is not supplied, but this is included in ST LED BLOCK ASSY.

1-885-383- 11

: Uses unleaded solder.